US008871946B2

(12) **United States Patent**
Luo et al.

(10) **Patent No.: US 8,871,946 B2**
(45) **Date of Patent: Oct. 28, 2014**

(54) **BENZIMIDAZOLE-4-CARBOXAMIDE DERIVATIVES, THEIR PREPARATION METHODS, PHARMACEUTICAL COMPOSITIONS AND THEIR USES**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **13/143,731**

(22) PCT Filed: **Jan. 6, 2010**

(86) PCT No.: **PCT/CN2010/000024**

§ 371 (c)(1),
(2), (4) Date: **Jul. 8, 2011**

(87) PCT Pub. No.: **WO2010/078830**

PCT Pub. Date: **Jul. 15, 2010**

(65) **Prior Publication Data**

US 2011/0269766 A1 Nov. 3, 2011

(30) **Foreign Application Priority Data**

Jan. 8, 2009 (CN) 2009 1 0045056
Jan. 5, 2010 (CN) 2010 1 0000050

(51) **Int. Cl.**

A61K 31/381	(2006.01)
A61K 31/4184	(2006.01)
C07D 235/04	(2006.01)
C07D 333/10	(2006.01)
A61K 31/4439	(2006.01)
C07D 405/12	(2006.01)
C07D 401/04	(2006.01)
C07D 487/04	(2006.01)
C07D 473/34	(2006.01)
C07D 401/12	(2006.01)
C07D 405/04	(2006.01)
C07D 417/04	(2006.01)
C07D 235/26	(2006.01)
C07D 403/12	(2006.01)
C07D 417/12	(2006.01)
C07D 403/04	(2006.01)

(52) **U.S. Cl.**

CPC ***A61K 31/4184*** (2013.01); ***A61K 31/4439*** (2013.01); ***C07D 405/12*** (2013.01); ***C07D 401/04*** (2013.01); ***C07D 487/04*** (2013.01); ***C07D 473/34*** (2013.01); ***C07D 401/12*** (2013.01); ***C07D 405/04*** (2013.01); ***C07D 417/04*** (2013.01); ***C07D 235/26*** (2013.01); ***C07D 403/12*** (2013.01); ***C07D 417/12*** (2013.01); ***C07D 403/04*** (2013.01)

USPC **548/362.5**; 548/360.1; 548/361.1; 549/59; 514/394; 514/444

(58) **Field of Classification Search**

None

See application file for complete search history.

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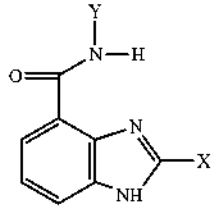
(57) **ABSTRACT**

The present invention relates to the benzimidazole-4-carboxamide derivatives, their preparation methods, pharmaceutical compositions and their uses; wherein X represents monosubstituted or bissubstituted or polysubstitued C_1-C_{14} alkoxy, monosubstituted or bisubstituted or polysubstituted C_1-C_{14} alkyl, monosubstituted or bisubstituted or polysubstitued C_2-C_{14} alkenyl, monosubstituted or bisubstituted or polysubstituted C_6-C_{14} aryl, or monosubstituted or bisubstituted or polysubstitued 5 to 6 membered heterocyclic group, or monosubstituted or bisubstituted or polysubstituted fused ring group containing nitrogen heteroatom; Y represents hydrogen, monosubstituted or bisubstituted or polysubstituted C_1-C_{16} alkyl, monosubstituted or bisubstituted or polysubstitued C_6-C_{12} aryl, or monosubstituted or bisubstituted or polysubstitued 5 to 6 membered heterocyclic group, or monosubstituted or bisubstituted or polysubstitued fused ring group containing nitrogen heteroatom. The derivatives of the present invention have the functions of antiviral medicine.

(I)



7 Claims, 3 Drawing Sheets

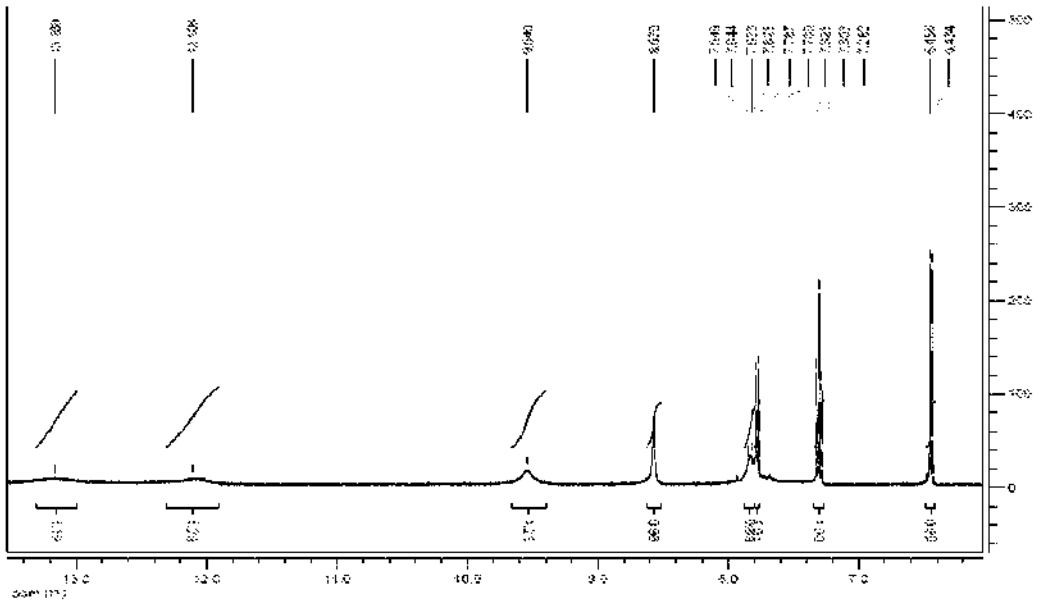


FIG. 1

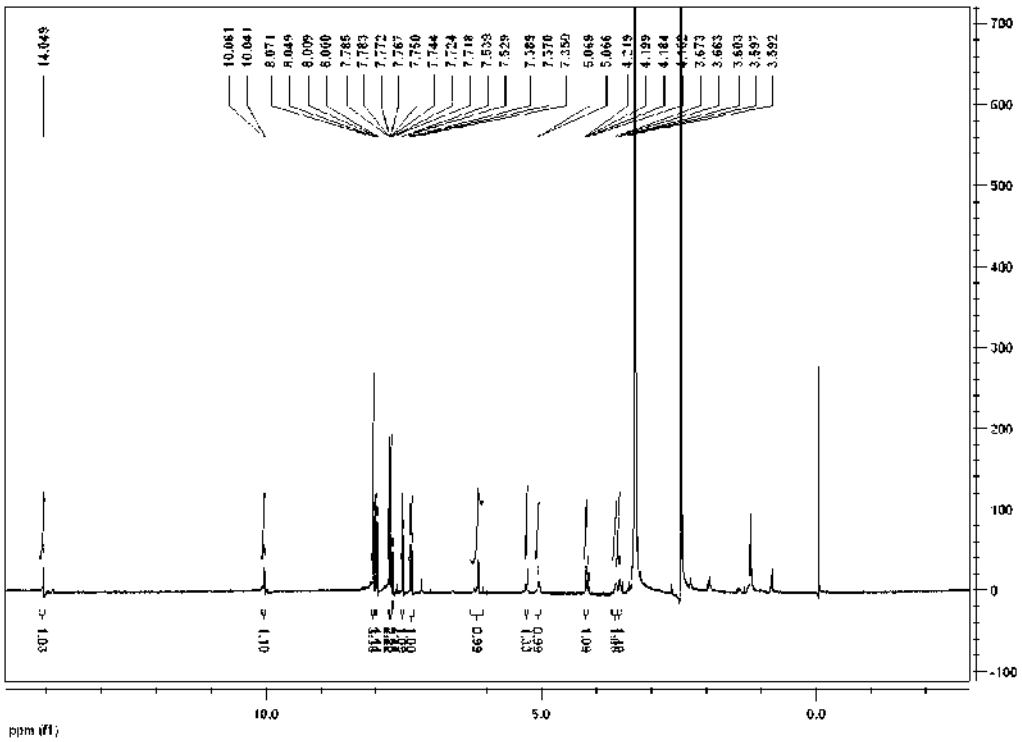


FIG. 2

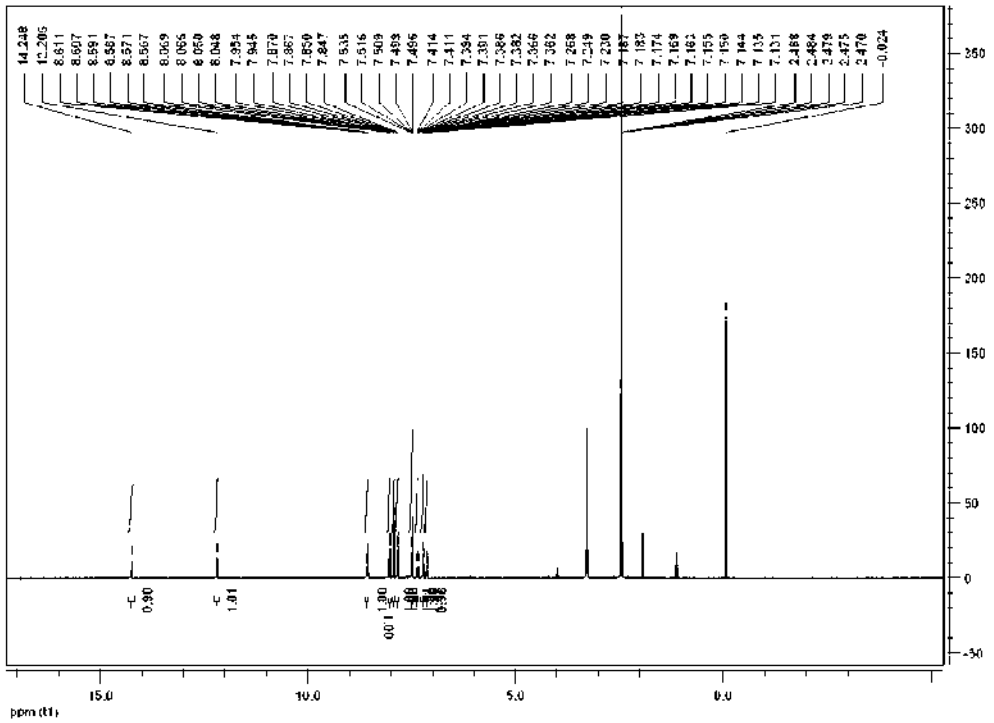


FIG. 3

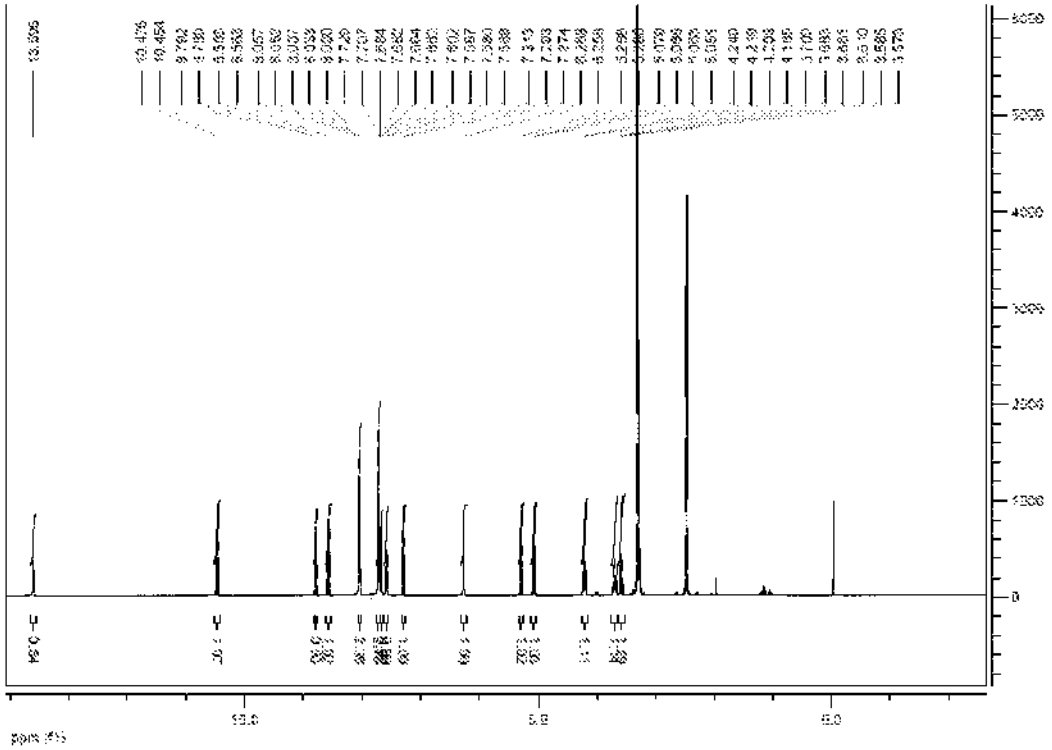


FIG. 4

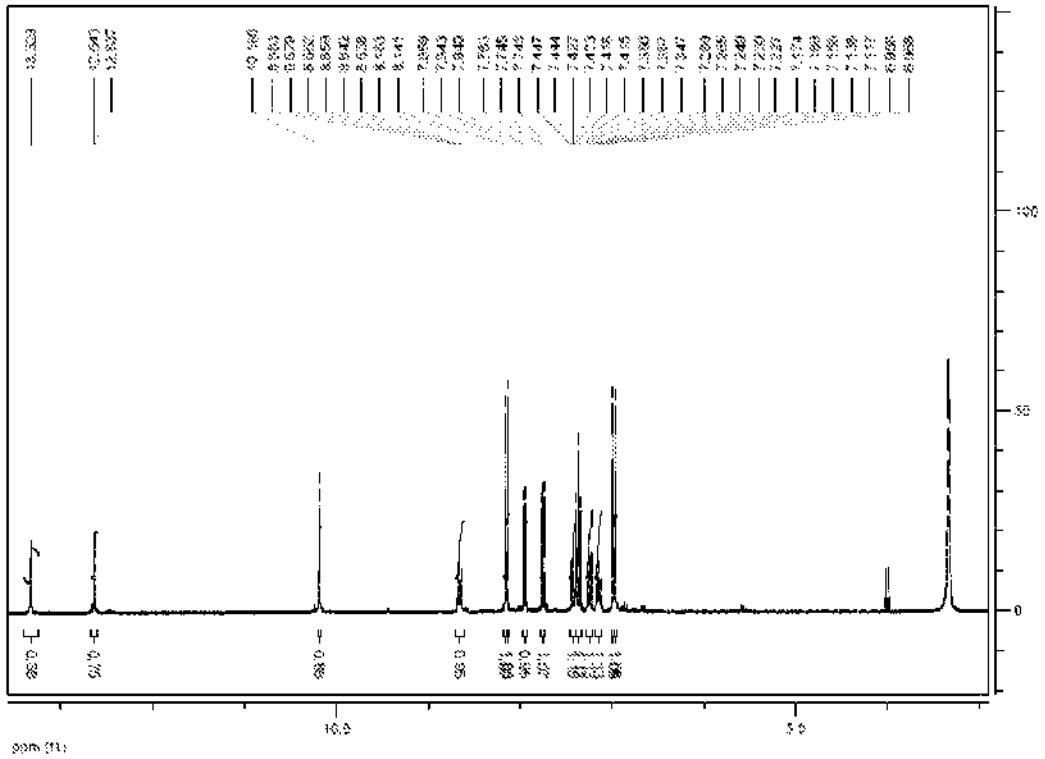


FIG. 5

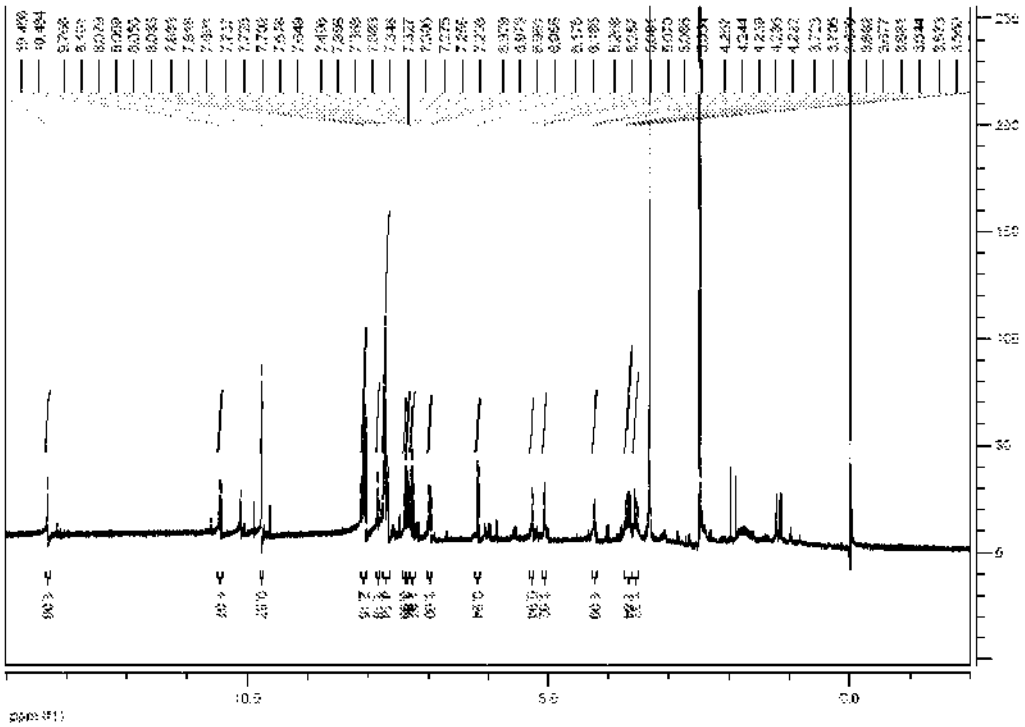


FIG. 6

BENZIMIDAZOLE-4-CARBOXAMIDE DERIVATIVES, THEIR PREPARATION METHODS, PHARMACEUTICAL COMPOSITIONS AND THEIR USES

CROSS REFERENCE TO RELATED APPLICATIONS

This application claims the benefit of the following patent applications:

1. Patent application number 200910045056.8 titled "Benzimidazole-4-Carboxamide Derivatives, Their Preparation Methods, Pharmaceutical Compositions And Their Uses", filed on Jan. 8, 2009 in the State Intellectual Property Office of the People's Republic of China.
2. Patent application number 201010000050.1 titled "Benzimidazole-4-Carboxamide Derivatives, Their Preparation Methods, Pharmaceutical Compositions And Their Uses", filed on Jan. 5, 2010 in the State Intellectual Property Office of the People's Republic of China.

The specifications of the above referenced applications are incorporated herein by reference in their entirety.

FIELD OF THE INVENTION

The present invention relates to benzimidazole carboxamide derivatives, in particular, relates to the benzimidazole-4-carboxamide derivatives, their preparation methods, pharmaceutical compositions and their uses.

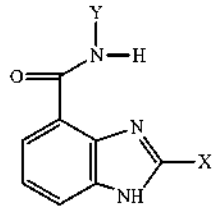
BACKGROUND OF THE INVENTION

The diseases caused by virus infections severely threaten human health and life and have become major problems in the medical fields. Almost 70% of epidemic diseases are caused by viruses infections statistically. The infectious diseases caused by enteroviruses have often occurred all over the world. The enteroviruses belong to picornaviridae comprising polio viruses, cosxackie viruses, enteric cytopathogenic human orphan virus and new enteroviruses. Each viruses has many serums, at least more than 70 types, which can violate many kinds of tissues, such as nerves, cardiac muscles, muscles, skins and eye conjunctiva etc and can cause lots of infectious diseases all over the world. There are lots of categories of the cosxackie viruses, whose transmission route and pathogenesis are similar to that of poliomyelitis virus, and often occurs latent infections. Their symptom shows slight upper respiratory infections or diarrhea, and occasionally inflects central nervous systems, damages spinal cord anterior horn motor neurons, and causes flaccid paralysis of limbs, however, this symptom is relatively light. The cosxackie viruses can violate many tissues and systems, such as respiratory tracts, intestinal tracts, skins, muscles, hearts, livers, adrenal gland and central nervous systems, Clinical manifestations have various of symptoms such as (1) respiratory tract infection, (2) herpangina, (3) febrile rush, (4) hand-foot-and-mouth disease, (5) diarrhea of children, (6) central nervous system syndrome, (7) myocarditis and pericarditis, (8) epidemic chest pain or epidemic myalgia, (9) epidemic conjunctivitis, (10) coxsackie virus hepatitis and so on.

SUMMARY OF THE INVENTION

The purpose of the present invention is to provide benzimidazole-4-carboxamide derivatives having anti-coxsackie virusesor a pharmaceutically acceptable salts thereof as shown in Formula (I).

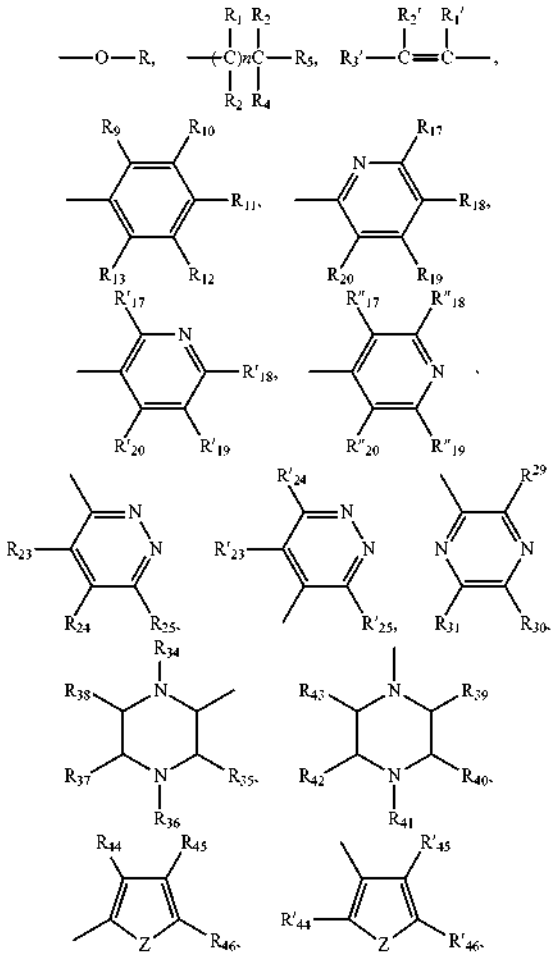
(I)



Wherein, X represents monosubstituted or bissubstituted or polysubstitued C_1-C_{14} alkoxy, monosubstituted or bisubstituted or polysubstitued C_1-C_{14} alkyl, monosubstituted or bisubstituted or polysubstitued C_2-C_{14} alkenyl, monosubstituted or bisubstituted or polysubstitued C_6-C_{14} aryl, or monosubstituted or bisubstituted or polysubstitued 5 to 6 membered heterocyclic group, or monosubstituted or bisubstituted or polysubstitued fused ring group containing nitrogen heteroatom;

Y represents hydrogen, monosubstituted or bisubstituted or polysubstitued C_1-C_{16} alkyl, monosubstituted or bisubstituted or polysubstitued C_6-C_{12} aryl, or monosubstituted or bisubstituted or polysubstitued 5 to 6 membered heterocyclic group, or monosubstituted or bisubstituted or polysubstitued fused ring group containing nitrogen heteroatom.

Wherein: X is selected from one of the following groups:



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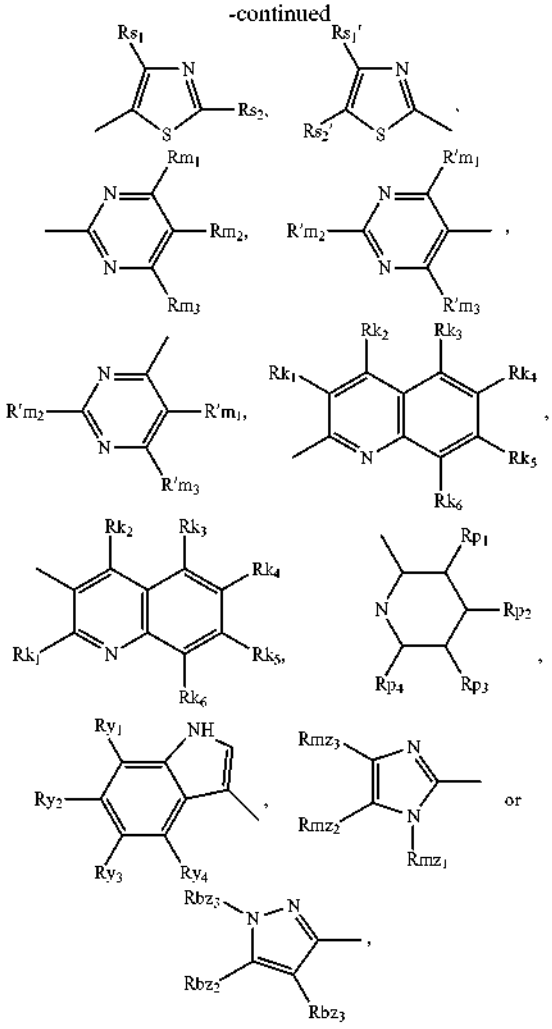
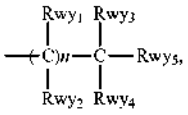
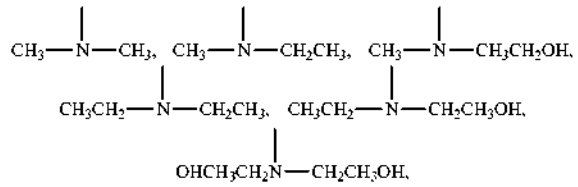


wherein R is selected from —H, or



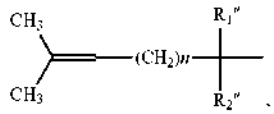
wherein n is selected from 0 to 5, R_{wy1}, R_{wy2}, R_{wy3}, R_{wy4} and R_{wy5} are respectively and independently selected from —H, —CH_3, or —CH_2CH_3;

n=0~5; R_1, R_2, R_3, R_4 and R_5 are respectively and independently selected from —H, —CH_3, —F, —Cl, —Br, —I, —OH, —OCH_3, —OCH_2CH_3, —NO_2, —NH—CH_3, —NH—CH_2CH_3, —NH—CH_2CH_2OH,



or phenyl substituted by one or several substituents Ra, Ra is selected from —F, —Cl, —Br, —I, —CH_3, —CH_2CH_3, —OH, —OCH_3, —OCH_2CH_3, —CH_2CH_2OH, —NO_2, —NH_2, —$N(CH_3)_2$, —$N(CH_2CH_3)_2$, —$N(CH_2CH_2OH)_2$, —CN, —COOH, —$COOCH_3$, —$COOCH_2CH_3$, or —$COOC_6H_5$;

R_1', R_2' and R_3' are respectively and independently selected from —H, —CH_3, —CH_2CH_3, or



wherein n is an integer between 0 and 5; R_1'' and R_2'' are respectively and independently selected from —H, —CH_3, or —CH_2CH_3;

R_9, R_{10}, R_{11}, R_{12} and R_{13} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —COOH, —$COOCH_3$, —$COOCH_2CH_3$, —OH, —OCH_3, —OCH_2CH_3, —CN, —F, —Cl, —Br, —I, or —NH_2, —$N(CH_3)_2$, or —$N(CH_2CH_3)_2$;

R_{17}, R_{18}, R_{19}, R_{20}, R'_{17}, R'_{18}, R'_{19}, R'_{20}, R''_{17}, R''_{18}, R''_{19} and R''_{20} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —OH, —OCH_3, —OCH_2CH_3, —CF_3, —CCl_3, —CBr_3, —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, —$N(CH_2CH_2OH)_2$, —NO or —NO_2, which cannot represent H simultaneously;

R_{23}, R_{24}, R_{25}, R'_{23}, R'_{24} and R'_{25} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —F, —Cl, —Br, —I, —OH, —OCH_3, —OCH_2CH_3, —NO_2, —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, —$N(CH_2CH_2OH)_2$, —COOH, —$COOCH_3$, or —$COOCH_2CH_3$;

R_{29}, R_{30} and R_{31} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —OCH_3, —CH_2OH, —NO_2 or —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, or —$N(CH_2CH_2OH)_2$;

R_{34}, R_{36} and R_{41} are respectively and independently selected from —H, —$(CH_2)_nCH_3$, —CH_2OH, —CH_2CH_2OH, —$CH(CH_3)_2$ or —$CH_2CH(OH)CH_3$, n is an integer between 0 and 5;

R_{35}, R_{37}, R_{38}, R_{39}, R_{40}, R_{42} and R_{43} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —OCH_3, —CH_2OH, —NO_2 or —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, or —$N(CH_2CH_2OH)_2$;

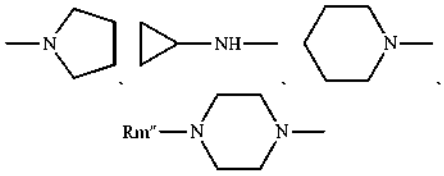
Z is selected from N, O or S.

R_{44}, R_{45}, R_{46}, R'_{44}, R'_{45} and R'_{46} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —OH, —OCH_3, —OCH_2CH_3, —NO_2, —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, —$N(CH_2CH_2OH)_2$, —CN or —COOH, —$COOCH_3$, or —$COOCH_2CH_3$;

R_{s1}, R_{s2}, R'_{s1} and R'_{s2} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, —$N(CH_2CH_2OH)_2$, —F, —Cl, —Br, —I, or $NHCOCH_3$, $NHCOCH_2CH_3$, or $NHCOC_6H_5$;

R_{m1}, R_{m2}, R_{m3}, R'_{m1}, R'_{m2} and R'_{m3} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —F,

—Cl, —Br, —I, —OH, —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, —$N(CH_2CH_2OH)_2$,



or —NHC_6H_5;

R_{k1}, R_{k2}, R_{k3}, R_{k4}, R_{k5} and R_{k6} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —OCH_3, —CH_2OH, —NO_2 or —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, or —$N(CH_2CH_2OH)_2$;

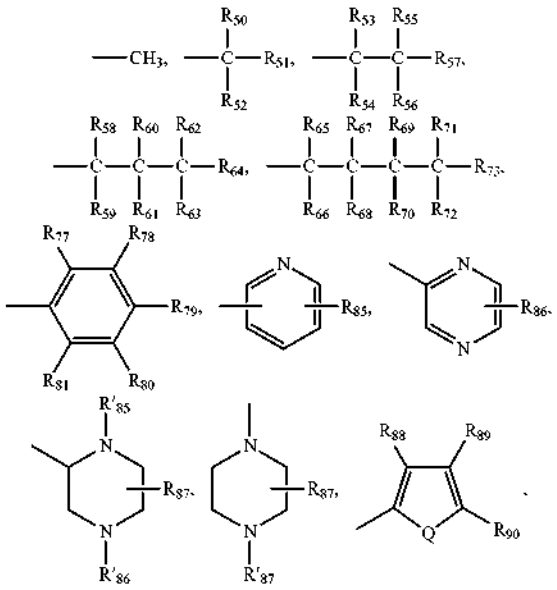
R_{P1}, R_{P2}, R_{P3} and R_{P4} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —OCH_3, —CH_2OH, —NO_2 or —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, or —$N(CH_2CH_2OH)_2$;

R_{y1}, R_{y2}, R_{y3} and R_{y4} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —OCH_3, —CH_2OH, —NO_2 or —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, or —$N(CH_2CH_2OH)_2$;

Rmz1 is selected from —H, —CH_3, —CH_2CH_3, —CH_2CH_2OH, —C_6H_5, or —$CH_2C_6H_5$; Rmz2 and Rmz3 are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —OCH_3, —CH_2OH, —NO_2 or —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, or —$N(CH_2CH_2OH)_2$;

Rbz1 is selected from —H, —CH_3, —CH_2CH_3, —CH_2CH_2OH, —C_6H_5, or —$CH_2C_6H_5$; Rbz2 and Rbz3 are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —OCH_3, —CH_2OH, —NO_2 or —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, or —$N(CH_2CH_2OH)_2$;

Y is selected from one group of the following groups:



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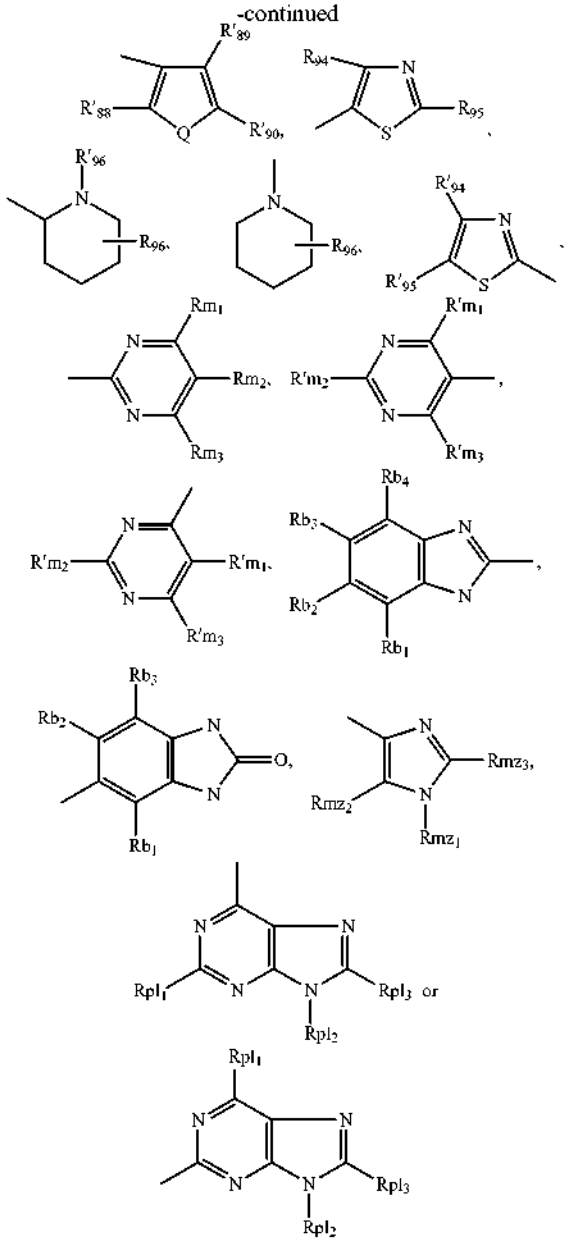

wherein, R_{50}, R_{51}, R_{52}, R_{53}, R_{54}, R_{55}, R_{56}, R_{57}, R_{58}, R_{59}, R_{60}, R_{61}, R_{62}, R_{63}, R_{64}, R_{65}, R_{66}, R_{67}, R_{68}, R_{69}, R_{70}, R_{71}, R_{72} and R_{73} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —CH_2OH, —OH, —OCH_3, —OCH_2CH_3, —CN, —NO_2, —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, —$N(CH_2CH_2OH)_2$, —F, —Cl, —Br, —I, or —C_6H_5, —C_6H_4—CH_3, —C_6H_4—OH, —C_6H_4—NO_2, or —C_6H_4—NH_2;

R_{77}, R_{78}, R_{79}, R_{80} and R_{81} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —OH, —OCH_3, —OCH_2CH_3, —NO_2, —CN, —COOH, —$COOCH_3$, —$COOCH_2CH_3$, —F, —Cl, —Br, —I, —CF_3, —CCl_3, —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, or —$N(CH_2CH_2OH)_2$;

R_{85}, R_{86} and R_{87} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —OH or —NH_2;

R'_{85}, R'_{86} and R'_{87} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —C_6H_5, or —$CH_2C_6H_4$;

Q is selected from N, O or S;

R_{88}, R_{89}, R_{90}, R'_{88}, R'_{89} and R'_{90} are respectively and independently selected from —H, —CH_2CH_3, —OH, —OCH_3, —OCH_2CH_3, —NO_2, —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, —$N(CH_2CH_2OH)_2$, —CN, —COOH, —$COOCH_3$, or —$COOCH_2CH_3$;

R_{94}, R_{95}, R'_{94} and R'_{95} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, —$N(CH_2CH_2OH)_2$, —F, —Cl, —Br, —I, or —$NHCOCH_3$, $NHCOCH_2CH_3$, or $NHCOC_6H_5$;

R_{96} is selected from —H, —CH_3, —CH_2CH_3, —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, or —$N(CH_2CH_2OH)_2$; R'_{96} is selected from —H, —CH_3, —CH_2CH_3, —C_6H_5, or —$CH_2C_6H_4$;

R_{m1}, R_{m2}, R_{m3}, R'_{m1}, R'_{m2} and R'_{m3} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —F, —Cl, —Br, —I, —OH, —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, —$N(CH_2CH_2OH)_2$, or —NHC_6H_5;

R_{b1}, R_{b2}, R_{b3} and R_{b4} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —CH_2OH, —OH, —OCH_3, —OCH_2CH_3, —CN, —NO_2, —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, —$N(CH_2CH_2OH)_2$, —F, —Cl, —Br, or —I;

R_{mc1} is selected from —H, —CH_3, —CH_2CH_3, —CH_2CH_2OH, —C_6H_5, or —$CH_2C_6H_5$; R_{mc2} and R_{mc3} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —OCH_3, —CH_2OH, —NO_2 or —NH_2, —$NHCH_3$, —$N(CH_3)_2$, —$NHCH_2CH_3$, —$N(CH_2CH_3)_2$, —$NHCH_2CH_2OH$, —$N(CH_2CH_2OH)_2$, —$CONH_2$, or —COOH;

R_{pl1} and R_{pl2} are respectively and independently selected from —H, —CH_3, —CH_2CH_3, —OH, —OCH_3, —OCH_2CH_3, F, Cl, Br, or I; R_{pl3} is selected from —H, —CH_3, —CH_2CH_3, —CH_2CH_2OH, —C_6H_5, or —$CH_2C_6H_5$.

Preferably, X represents monosubstituted or polysubstitued or unsubstituted alkoxy, monosubstituted or polysubstitued or unsubstituted alkyl, monosubstituted or polysubstituted or unsubstituted alkenyl, monosubstituted or bisubstituted or unsubstituted thienyl, monosubstituted or bisubstituted or unsubstituted pyridyl, monosubstituted or bisubstituted or unsubstituted pyridazinyl, monosubstituted or bisubstituted or unsubstituted piperazinyl, monosubstituted or bisubstituted or unsubstituted pyrazinyl, monosubstituted or bisubstituted or unsubstituted thiazolyl, monosubstituted or bisubstituted or trisubstituted or unsubstituted phenyl, monosubstituted or bisubstituted or unsubstituted pyrimidinyl, monosubstituted or bisubstituted or unsubstituted pyrrolyl, monosubstituted or bisubstituted or unsubstituted quinolinyl, monosubstituted or bisubstituted or unsubstituted piperidinyl, monosubstituted or bisubstituted or unsubstituted indolyl, monosubstituted or bisubstituted or trisubstituted or unsubstituted imidazolyl, monosubstituted or bisubstituted or trisubstituted or unsubstituted pyrazolyl.

More preferably, X represents C1-C6 alkyloxy substituted by nitro, amino, hydroxyl or aryl; C1-C6 alkyl substituted by nitro, amino, hydroxyl or aryl; C2-C14 alkenyl substituted by alkyl, hydroxyl or aryl; thienyl monosubstituted by nitro, amino or C1-C6 alkyl; unsubstituted thienyl; pyridyl monosubstituted by nitro, amino or C1-C6 alkyl; unsubstituted pyridyl; quinolinyl monosubstituted by nitro, amino or C1-C6 alkyl; unsubstituted quinolinyl; indolyl monosubstituted by nitro, amino or C1-C6 alkyl; unsubstituted indolyl; pyridyl monosubstituted or bisubstituted by C1-C6 alkoxy; pyridyl monosubstituted or bisubstituted by C1-C3 dialkylamino; pyridyl monosubstituted or bisubstituted by C1-C6 alkyl; unsubstituted pyridyl; pyridazinyl monosubstituted by C1-C6 alkoxy; pyridazinyl monosubstituted by C1-C6 alkyl; unsubstituted pyridazinyl; unsubstituted piperazinyl; piperazinyl bisubstituted by C1-C6 alkyl; unsubstituted piperidinyl; unsubstituted pyrazinyl; unsubstituted thiazolyl; imidazolyl monosubstituted by nitro, amino or C1-C6 alkyl; unsubstituted imidazolyl; thiazolyl bisubstituted by C1-C6 alkyl and nitro; unsubstituted pyrimidinyl; pyrimidinyl monosubstituted by phenyl; pyrimidinyl bisubstituted by amino and a group selected from nitro, —F, —Cl, —Br or —I; phenyl trisubstituted by trihydroxyl; phenyl trisubstituted by trimethoxyl; phenyl bisubstituted by hydroxyl and methoxyl; imidazolyl substituted by a group selected from methyl, ethyl, carboxyl or amido; pyrazolyl bisubstituted or trisubstituted by a group selected from C1-C6 alkyl or aryl and a group selected from —F, —Cl, —Br or —I.

Preferably, Y represents hydroxyl, C_1-C_6 alkyl, monosubstituted or bisubstituted or trisubstituted phenyl, monosubstituted or bisubstituted or trisubstituted or unsubstituted pyridyl, monosubstituted or bisubstituted or unsubstituted pyrazinyl, monosubstituted or bisubstituted or trisubstituted or unsubstituted piperazinyl, monosubstituted or bisubstituted or trisubstituted or unsubstituted pyrrolyl, monosubstituted or bisubstituted or trisubstituted or unsubstituted piperidinyl, monosubstituted or bisubstituted or trisubstituted or unsubstituted thiazolyl, monosubstituted or bisubstituted or trisubstituted or unsubstituted benzpyrimidinyl, monosubstituted or bisubstituted or trisubstituted or tetrasubstituted or unsubstituted benzimidazolyl, monosubstituted or bisubstituted or trisubstituted or unsubstituted benzimidazolonyl, monosubstituted or bisubstituted or trisubstituted or unsubstituted imidazolyl, monosubstituted or bisubstituted or trisubstituted or unsubstituted purinyl.

More preferably, Y represents hydroxymethyl, hydroxyethyl, aminophenyl, hydroxyphenyl, C_1-C_6 alkylphenyl, phenyl monosubstituted by —F, —Cl, —Br or —I, phenyl bisubstituted by hydroxyl and carboxyl, hydroxyethyl bisubstituted by hydroxylmethyl or C_1-C_6 alkyl and monosubstituted phenyl, piperazinyl monosubstituted or bisubstituted or trisubstituted or unsubstituted by C_1-C_6 alkyl, pyridyl monosubstituted or bisubstituted or trisubstituted or unsubstituted by C_1-C_6 alkyl, pyrazinyl monosubstituted or bisubstituted or unsubstituted, by C_1-C_6 alkyl, piperazinyl monosubstituted or bisubstituted or trisubstituted or unsubstituted by C_1-C_6 alkyl, pyrrolyl monosubstituted or bisubstituted or trisubstituted or unsubstituted by C_1-C_6 alkyl, thiazolyl monosubstituted by C_1-C_6 alkyl, pyrimidinyl monosubstituted or bisubstituted or unsubstituted by C_1-C_6 alkyl, pyrimidinyl monsubstituted by C_1-C_6 alkyl and bisubstituted by hydroxyl, pyrimidinyl monosubstituted C_1-C_6 alkyl and bisubstituted or trisubstituted by —F, —Cl, —Br or —I, purinyl monosubstituted or bisubstituted or unsubstituted by C_1-C_6 alkyl, purinyl monosubstituted by C_1-C_6 alkyl and substituted or trisuvstituted by hydroxyl.

Most preferably, the benzimidazole-4-carboxamide derivatives as shown in Formula (1) includes the following compounds:

(1) (L)-2-(5-nitro-2-thienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(2) (L)-2-(5-amino-2-thienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(3) (L)-2-(5-amino-2-thienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenyl hydroxyethyl)]amide
(4) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(5) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide
(6) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-o-chlorophenyl)amide
(7) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-o-bromophenyl)amide
(8) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide
(9) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-m-chlorophenyl)amide
(10) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-m-bromophenyl)amide
(11) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide
(12) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-p-chlorophenyl)amide
(13) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-p-bromophenyl)amide
(14) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-o-methylphenyl)amide
(15) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-o-hydroxylphenyl)amide
(16) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide
(17) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-m-methylphenyl)amide
(18) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-m-hydroxylphenyl)amide
(19) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide
(20) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-p-methylphenyl)amide
(21) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-p-hydroxylphenyl)amide
(22) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide
(23) (L)-2-(4-methoxypyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide
(24) (L)-2-(4-methoxypyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(25) 2-(4-methoxypyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(26) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide
(27) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-o-chlorophenyl)amide
(28) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-o-bromophenyl)amide
(29) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide
(30) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide
(31) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide
(32) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide
(33) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide
(34) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide
(35) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide
(36) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide
(37) (L)-2-(6-methoxypyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide
(38) (L)-2-(6-methoxypyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(39) 2-(6-methoxypyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(40) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide
(41) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide
(42) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide
(43) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide
(44) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide
(45) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide
(46) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide
(47) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide
(48) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide
(49) (L)-2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide
(50) (L)-2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide
(51) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(52) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide
(53) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide
(54) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide
(55) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide
(56) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide
(57) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide
(58) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide
(59) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide
(60) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide
(61) (L)-2-(3-pyridazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide
(62) (L)-2-(3-pyridazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(63) 2-(3-pyridazinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(64) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide
(65) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide
(66) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide
(67) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(68) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(69) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(70) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(71) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(72) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide

(73) (L)-2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(74) (L)-2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(75) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(76) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(77) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(78) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(79) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(80) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(81) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(82) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(83) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(84) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide

(85) (L)-2-(2-pyrazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenyllhydroxyethyl)]amide

(86) (L)-2-(2-pyrazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenyllhydroxyethyl)]amide

(87) 2-(2-pyrazinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(88) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(89) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(90) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(91) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(92) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(93) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(94) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(95) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(96) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide

(97) (L)-2-N-piperazinyl-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(98) (L)-2-N-piperazinyl-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(99) 2-N-piperazinyl-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(100) 2-N-piperazinyl-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(101) 2-N-piperazinyl-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(102) 2-N-piperazinyl-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(103) 2-N-piperazinyl-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(104) 2-N-piperazinyl-1H-benzimidazole-4-(N-o-aminophenyl)amide

(105) 2-N-piperazinyl-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(106) 2-N-piperazinyl-1H-benzimidazole-4-(N-m-aminophenyl)amide

(107) 2-N-piperazinyl-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(108) 2-N-piperazinyl-1H-benzimidazole-4-(N-p-aminophenyl)amide

(109) (L)-2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(110) (L)-2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(111) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(112) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(113) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(114) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(115) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(116) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(117) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(118) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(119) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(120) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide

(121) (L)-2-thiazolyl-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(122) (L)-2-thiazolyl-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(123) 2-thiazolyl-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(124) 2-thiazolyl-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(125) 2-thiazolyl-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(126) 2-thiazolyl-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(127) 2-thiazolyl-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(128) 2-thiazolyl-1H-benzimidazole-4-(N-o-aminophenyl)amide

(129) 2-thiazolyl-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(130) 2-thiazolyl-1H-benzimidazole-4-(N-m-aminophenyl)amide

(131) 2-thiazolyl-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(132) 2-thiazolyl-1H-benzimidazole-4-(N-p-aminophenyl) amide

(133) (L)-5-thiazolyl-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(134) (L)-5-thiazolyl-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(135) 5-thiazolyl-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(136) 5-thiazolyl-1H-benzimidazole-4-(N-o-fluorophenyl) amide

(137) 5-thiazolyl-1H-benzimidazole-4-(N-m-fluorophenyl) amide

(138) 5-thiazolyl-1H-benzimidazole-4-(N-p-fluorophenyl) amide

(139) 5-thiazolyl-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(140) 5-thiazolyl-1H-benzimidazole-4-(N-o-aminophenyl) amide

(141) 5-thiazolyl-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(142) 5-thiazolyl-1H-benzimidazole-4-(N-m-aminophenyl) amide

(143) 5-thiazolyl-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(144) 5-thiazolyl-1H-benzimidazole-4-(N-p-aminophenyl) amide

(145) (L)-2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

(146) (L)-2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

(147) 2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(148) 2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(149) 2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(150) 2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(151) 2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(152) 2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(153) 2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(154) 2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(155) 2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(156) 2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide

(157) (L)-2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

(158) (L)-2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

(159) 2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(160) 2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(161) 2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(162) 2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(163) 2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(164) 2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(165) 2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(166) 2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(167) 2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(168) 2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide

(169) (L)-2-(2-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(170) (L)-2-(2-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(171) 2-(2-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(172) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(173) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(174) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(175) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(176) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(177) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(178) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(179) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(180) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide

(181) (L)-2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

(182) (L)-2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

(183) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(184) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(185) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(186) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(187) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(188) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(189) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(190) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(191) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(192) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide

(193) (L)-2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(194) (L)-2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(195) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(196) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(197) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(198) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(199) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(200) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(201) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(202) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(203) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(204) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide

(205) (L)-2-(2-pyrrolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(206) (L)-2-(2-pyrrolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(207) 2-(2-pyrrolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(208) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(209) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(210) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(211) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(212) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(213) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(214) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(215) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(216) (L)-2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(217) (L)-2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(218) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(219) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(220) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(221) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(222) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(223) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(224) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(225) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(226) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(227) (L)-2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(228) (L)-2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(229) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(230) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(231) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(232) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(233) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(234) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(235) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(236) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(237) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(238) (L)-2-(2-quinolinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(239) (L)-2-(2-quinolinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(240) 2-(2-quinolinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(241) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(242) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(243) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(244) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(245) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(246) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(247) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(248) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(249) (L)-2-(3-quinolinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(250) (L)-2-(3-quinolinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(251) 2-(3-quinolinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(252) 2-(3-quinolinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(253) 2-(3-quinolinyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(254) 2-(3-quinolinyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(255) 2-(3-quinolinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(256) 2-(3-quinolinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(257) 2-(3-quinolinyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(258) 2-(3-quinolinyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(259) 2-(3-quinolinyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(260) (L)-2-(2-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(261) (L)-2-(2-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(262) 2-(2-piperidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(263) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(264) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(265) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(266) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(267) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(268) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(269) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(270) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(271) (L)-2-(3-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(272) (L)-2-(3-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(273) 2-(3-piperidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(274) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(275) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(276) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(277) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(278) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(279) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(280) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(281) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(282) (L)-2-(4-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(283) (L)-2-(4-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(284) 2-(4-piperidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(285) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(286) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(287) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(288) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(289) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(290) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(291) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(292) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(293) (L)-2-(3-indolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(294) (L)-2-(3-indolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(295) 2-(3-indolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(296) 2-(3-indolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(297) 2-(3-indolyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(298) 2-(3-indolyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(299) 2-(3-indolyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(300) 2-(3-indolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(301) 2-(3-indolyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(302) 2-(3-indolyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(303) 2-(3-indolyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(304) (L)-2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

(305) (L)-2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

(306) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(307) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(308) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(309) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(310) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(311) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(312) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide

(313) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide

(314) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide

(315) (L)-2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(316) (L)-2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(317) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(318) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

(319) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide

(320) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide

(321) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(322) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide
(323) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-m-hydroxyphenyl)amide
(324) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide
(325) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide
(326) (L)-2-methoxy-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide
(327) (L)-2-methoxy-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(328) 2-methoxy-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(329) 2-methoxy-1H-benzimidazole-4-(N—N'-piperidinyl) amide
(330) 2-methoxy-1H-benzimidazole-4-(N-2-piperazinyl) amide
(331) 2-methoxy-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(332) 2-methoxy-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide
(333) 2-methoxy-1H-benzimidazole-4-(N-o-aminophenyl) amide
(334) 2-methoxy-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(335) 2-methoxy-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(336) 2-methoxy-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(337) 2-methoxy-1H-benzimidazole-4-(N-2-imidazolyl) amide
(338) 2-methoxy-1H-benzimidazole-4-(N-4'-pyrazolyl) amide
(339) 2-methoxy-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(340) 2-methoxy-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(341) 2-methoxy-1H-benzimidazole-4-(N-2-pyrazinyl) amide
(342) 2-methoxy-1H-benzimidazole-4-(N-2-pyrimidinyl) amide
(343) 2-methoxy-1H-benzimidazole-4-(N-4-pyrimidinyl) amide
(344) 2-methoxy-1H-benzimidazole-4-(N-5-pyrimidinyl) amide
(345) 2-methoxy-1H-benzimidazole-4-(N-2-pyridyl)amide
(346) 2-methoxy-1H-benzimidazole-4-(N-3-pyridyl)amide
(347) 2-methoxy-1H-benzimidazole-4-(N-4-pyridyl)amide
(348) 2-methoxy-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(349) 2-methoxy-1H-benzimidazole-4-(N-5-thiazolyl) amide
(350) 2-methoxy-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(351) 2-methoxy-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(352) 2-methoxy-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(353) 2-methoxy-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(354) (L)-2-ethoxy-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide
(355) (L)-2-ethoxy-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(356) 2-ethoxy-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(357) 2-ethoxy-1H-benzimidazole-4-(N—N'-piperidinyl) amide
(358) 2-ethoxy-1H-benzimidazole-4-(N-2-piperazinyl) amide
(359) 2-ethoxy-1H-benzimidazole-4-(N-2'-benzimidazolyl) amide
(360) 2-ethoxy-1H-benzimidazole-4-(N-o-hydroxyphenyl) amide
(361) 2-ethoxy-1H-benzimidazole-4-(N-o-aminophenyl) amide
(362) 2-ethoxy-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(363) 2-ethoxy-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(364) 2-ethoxy-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(365) 2-ethoxy-1H-benzimidazole-4-(N-2-imidazolyl) amide
(366) 2-ethoxy-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(367) 2-ethoxy-1H-benzimidazole-4-(N—(N'-piperazinyl)) amide
(368) 2-ethoxy-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(369) 2-ethoxy-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(370) 2-ethoxy-1H-benzimidazole-4-(N-2-pyrimidinyl) amide
(371) 2-ethoxy-1H-benzimidazole-4-(N-4-pyrimidinyl) amide
(372) 2-ethoxy-1H-benzimidazole-4-(N-5-pyrimidinyl) amide
(373) 2-ethoxy-1H-benzimidazole-4-(N-2-pyridyl)amide
(374) 2-ethoxy-1H-benzimidazole-4-(N-3-pyridyl)amide
(375) 2-ethoxy-1H-benzimidazole-4-(N-4-pyridyl)amide
(376) 2-ethoxy-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(377) 2-ethoxy-1H-benzimidazole-4-(N-5-thiazolyl)amide
(378) 2-ethoxy-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(379) 2-ethoxy-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(380) 2-ethoxy-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(381) 2-ethoxy-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(382) (L)-2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide
(383) (L)-2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(384) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(385) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(386) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide
(387) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(388) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide
(389) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide
(390) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(391) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

(392) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(393) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(394) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(395) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(396) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(397) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(398) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(399) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(400) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(401) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-pyridyl)amide
(402) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-3-pyridyl)amide
(403) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4-pyridyl)amide
(404) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(405) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide
(406) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(407) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(408) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(409) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(410) (L)-2-pyrazolyl-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide
(411) (L)-2-pyrazolyl-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(412) 2-pyrazolyl-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(413) 2-pyrazolyl-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(414) 2-pyrazolyl-1H-benzimidazole-4-(N-2-piperazinyl)amide
(415) 2-pyrazolyl-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(416) 2-pyrazolyl-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide
(417) 2-pyrazolyl-1H-benzimidazole-4-(N-o-aminophenyl)amide
(418) 2-pyrazolyl-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(419) 2-pyrazolyl-1H-benzimidazole-4-(N-4' -carbonamido-5'-imidazolyl)amide
(420) 2-pyrazolyl-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(421) 2-pyrazolyl-1H-benzimidazole-4-(N-2-imidazolyl)amide
(422) 2-pyrazolyl-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(423) 2-pyrazolyl-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(424) 2-pyrazolyl-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(425) 2-pyrazolyl-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(426) 2-pyrazolyl-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(427) 2-pyrazolyl-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(428) 2-pyrazolyl-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(429) 2-pyrazolyl-1H-benzimidazole-4-(N-2-pyridyl)amide
(430) 2-pyrazolyl-1H-benzimidazole-4-(N-3-pyridyl)amide
(431) 2-pyrazolyl-1H-benzimidazole-4-(N-4-pyridyl)amide
(432) 2-pyrazolyl-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(433) 2-pyrazolyl-1H-benzimidazole-4-(N-5-thiazolyl)amide
(434) 2-pyrazolyl-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(435) 2-pyrazolyl-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(436) 2-pyrazolyl-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(437) 2-pyrazolyl-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(438) (L)-2-(2'-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide
(439) (L)-2-(2'-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(440) 2-(2'-pyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(441) 2-(2'-pyridyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(442) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide
(443) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(444) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide
(445) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide
(446) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(447) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(448) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(449) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(450) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(451) 2-(2'-pyridyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(452) 2-(2'-pyridyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(453) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(454) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(455) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(456) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(457) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-2-pyridyl)amide
(458) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-3-pyridyl)amide
(459) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-4-pyridyl)amide

(460) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(461) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-5-thiazolyl) amide
(462) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(463) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(464) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(465) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(466) (L)-2-(3'-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide
(467) (L)-2-(3'-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(468) 2-(3'-pyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(469) 2-(3'-pyridyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(470) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-2-piperazinyl) amide
(471) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(472) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide
(473) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide
(474) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(475) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(476) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(477) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-2-imidazolyl) amide
(478) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-4'-pyrazolyl) amide
(479) 2-(3'-pyridyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(480) 2-(3'-pyridyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(481) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-2-pyrazinyl) amide
(482) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl) amide
(483) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-4-pyrimidinyl) amide
(484) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-5-pyrimidinyl) amide
(485) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-2-pyridyl) amide
(486) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-3-pyridyl) amide
(487) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-4-pyridyl) amide
(488) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(489) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-5-thiazolyl) amide
(490) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(491) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(492) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(493) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(494) (L)-2-(4'-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide
(495) (L)-2-(4'-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(496) 2-(4'-pyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(497) 2-(4'-pyridyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(498) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-2-piperazinyl) amide
(499) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(500) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide
(501) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide
(502) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(503) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(504) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(505) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-2-imidazolyl) amide
(506) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-4'-pyrazolyl) amide
(507) 2-(4'-pyridyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(508) 2-(4'-pyridyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(509) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-2-pyrazinyl) amide
(510) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl) amide
(511) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-4-pyrimidinyl) amide
(512) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-5-pyrimidinyl) amide
(513) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-2-pyridyl) amide
(514) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-3-pyridyl) amide
(515) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-4-pyridyl) amide
(516) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(517) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-5-thiazolyl) amide
(518) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(519) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(520) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(521) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(522) (L)-2-(2'-imidazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide
(523) (L)-2-(2'-imidazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(524) 2-(2'-imidazolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(525) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

(526) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide
(527) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(528) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide
(529) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide
(530) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(531) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(532) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(533) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(534) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(535) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(536) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(537) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(538) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(539) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(540) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(541) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2-pyridyl) amide
(542) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-3-pyridyl) amide
(543) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4-pyridyl) amide
(544) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(545) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide
(546) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(547) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(548) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(549) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(550) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(551) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide
(552) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(553) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(554) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(555) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(556) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(557) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(558) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(559) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(560) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(561) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(562) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(563) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(564) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyridyl)amide
(565) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-3-pyridyl)amide
(566) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4-pyridyl)amide
(567) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(568) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide
(569) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(570) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(571) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(572) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(573) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(574) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide
(575) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(576) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(577) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(578) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(579) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(580) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(581) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(582) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(583) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(584) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(585) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(586) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(587) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyridyl)amide
(588) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-3-pyridyl)amide
(589) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4-pyridyl)amide
(590) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(591) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide

(592) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(593) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(594) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(595) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(596) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(597) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(598) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(599) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(600) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(601) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(602) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(603) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(604) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(605) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(606) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(607) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(608) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(609) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(610) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-pyridyl)amide
(611) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-3-pyridyl)amide
(612) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4-pyridyl)amide
(613) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(614) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide
(615) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(616) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(617) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(618) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(619) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(620) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(621) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(622) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(623) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(624) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(625) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(626) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(627) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(628) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(629) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(630) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(631) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(632) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(633) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide
(634) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-3-pyridyl)amide
(635) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4-pyridyl)amide
(636) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(637) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide
(638) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(639) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(640) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(641) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(642) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(643) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(644) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(645) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(646) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(647) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(648) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(649) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(650) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(651) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(652) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(653) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(654) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(655) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(656) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide
(657) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-3-pyridyl)amide

(658) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-4-pyridyl)amide
(659) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(660) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide
(661) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(662) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(663) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(664) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(665) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(666) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(667) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(668) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(669) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(670) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(671) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(672) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl) amide
(673) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(674) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(675) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-pyrazinyl) amide
(676) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(677) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(678) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(679) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-pyridyl) amide
(680) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-3-pyridyl) amide
(681) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4-pyridyl) amide
(682) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(683) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-5-thiazolyl) amide
(684) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(685) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(686) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(687) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(688) 2-(2-piperazinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(689) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(690) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(691) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(692) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(693) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(694) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(695) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(696) 2-(2-piperazinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(697) 2-(2-piperazinyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(698) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(699) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(700) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(701) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(702) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-pyridyl) amide
(703) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-3-pyridyl) amide
(704) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-4-pyridyl) amide
(705) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(706) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide
(707) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(708) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(709) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(710) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(711) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(712) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(713) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(714) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(715) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(716) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(717) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(718) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(719) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(720) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(721) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(722) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(723) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide

(724) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(725) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide
(726) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-3-pyridyl)amide
(727) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4-pyridyl)amide
(728) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(729) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide
(730) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(731) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(732) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(733) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(734) 2-(2-thiazolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(735) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(736) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(737) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(738) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(739) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(740) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-2-imidazolyl) amide
(741) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl) amide
(742) 2-(2-thiazolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(743) 2-(2-thiazolyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(744) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-2-pyrazinyl) amide
(745) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(746) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(747) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(748) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-2-pyridyl) amide
(749) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-3-pyridyl) amide
(750) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-4-pyridyl) amide
(751) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(752) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-5-thiazolyl) amide
(753) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(754) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(755) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(756) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(757) 2-(5-thiazolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(758) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(759) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(760) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(761) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(762) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(763) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-2-imidazolyl) amide
(764) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl) amide
(765) 2-(5-thiazolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(766) 2-(5-thiazolyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(767) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-2-pyrazinyl) amide
(768) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(769) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(770) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(771) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-2-pyridyl) amide
(772) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-3-pyridyl) amide
(773) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-4-pyridyl) amide
(774) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(775) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-5-thiazolyl) amide
(776) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(777) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(778) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(779) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(780) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(781) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(782) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(783) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(784) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(785) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(786) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(787) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(788) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(789) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide

(790) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

(791) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

(792) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide

(793) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide

(794) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl) amide

(795) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-3-pyridyl) amide

(796) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4-pyridyl) amide

(797) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

(798) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide

(799) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

(800) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

(801) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

(802) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

(803) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

(804) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide

(805) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

(806) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

(807) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

(808) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide

(809) 242-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide

(810) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

(811) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

(812) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide

(813) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

(814) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

(815) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide

(816) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide

(817) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

(818) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-3-pyridyl)amide

(819) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-pyridyl)amide

(820) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

(821) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide

(822) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

(823) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

(824) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

(825) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

(826) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

(827) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide

(828) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

(829) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

(830) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

(831) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide

(832) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide

(833) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

(834) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

(835) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide

(836) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

(837) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

(838) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide

(839) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide

(840) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

(841) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-3-pyridyl)amide

(842) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-pyridyl)amide

(843) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

(844) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide

(845) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

(846) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

(847) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

(848) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

(849) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

(850) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide

(851) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

(852) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

(853) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

(854) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide

(855) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-imidazolyl) amide

(856) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl) amide

(857) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

(858) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide

(859) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyrazinyl) amide

(860) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl) amide

(861) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4-pyrimidinyl) amide

(862) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-5-pyrimidinyl) amide

(863) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyridyl) amide

(864) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-3-pyridyl) amide

(865) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4-pyridyl) amide

(866) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

(867) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-5-thiazolyl) amide

(868) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

(869) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

(870) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

(871) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

(872) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

(873) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide

(874) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

(875) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

(876) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

(877) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide

(878) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide

(879) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

(880) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

(881) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide

(882) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

(883) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

(884) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide

(885) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide

(886) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

(887) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-3-pyridyl)amide

(888) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4-pyridyl)amide

(889) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

(890) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide

(891) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

(892) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

(893) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

(894) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

(895) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

(896) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide

(897) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

(898) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

(899) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

(900) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide

(901) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide

(902) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

(903) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

(904) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide

(905) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

(906) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

(907) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide

(908) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide

(909) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

(910) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-3-pyridyl)amide

(911) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4-pyridyl)amide

(912) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

(913) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide

(914) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

(915) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

(916) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

(917) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

(918) 2-(2-quinolinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

(919) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide

(920) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

(921) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

(922) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(923) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(924) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(925) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(926) 2-(2-quinolinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(927) 2-(2-quinolinyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(928) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-pyrazinyl) amide
(929) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(930) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(931) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(932) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-pyridyl) amide
(933) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-3-pyridyl) amide
(934) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4-pyridyl) amide
(935) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(936) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-5-thiazolyl) amide
(937) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(938) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(939) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(940) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(941) 2-(2-piperidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(942) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(943) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(944) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(945) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(946) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(947) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(948) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(949) 2-(2-piperidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(950) 2-(2-piperidinyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(951) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(952) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(953) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(954) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(955) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-pyridyl) amide
(956) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-3-pyridyl) amide
(957) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4-pyridyl) amide
(958) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(959) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-5-thiazolyl) amide
(960) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(961) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(962) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(963) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(964) 2-(3-piperidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(965) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(966) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(967) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(968) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(969) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(970) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(971) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(972) 2-(3-piperidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(973) 2-(3-piperidinyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(974) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(975) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(976) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(977) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(978) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-2-pyridyl) amide
(979) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-3-pyridyl) amide
(980) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-4-pyridyl) amide
(981) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(982) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-5-thiazolyl) amide
(983) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(984) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(985) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(986) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(987) 2-(4-piperidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

(988) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(989) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(990) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(991) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(992) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(993) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(994) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(995) 2-(4-piperidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(996) 2-(4-piperidinyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(997) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(998) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
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(1002) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-3-pyridyl) amide
(1003) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-4-pyridyl) amide
(1004) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(1005) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide
(1006) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(1007) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(1008) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(1009) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(1010) 2-(3-indolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(1011) 2-(3-indolyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(1012) 2-(3-indolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(1013) 2-(3-indolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(1014) 2-(3-indolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(1015) 2-(3-indolyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(1016) 2-(3-indolyl)-1H-benzimidazole-4-(N-2-imidazolyl) amide
(1017) 2-(3-indolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl) amide
(1018) 2-(3-indolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(1019) 2-(3-indolyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(1020) 2-(3-indolyl)-1H-benzimidazole-4-(N-2-pyrazinyl) amide
(1021) 2-(3-indolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(1022) 2-(3-indolyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(1023) 2-(3-indolyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(1024) 2-(3-indolyl)-1H-benzimidazole-4-(N-2-pyridyl) amide
(1025) 2-(3-indolyl)-1H-benzimidazole-4-(N-3-pyridyl) amide
(1026) 2-(3-indolyl)-1H-benzimidazole-4-(N-4-pyridyl) amide
(1027) 2-(3-indolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(1028) 2-(3-indolyl)-1H-benzimidazole-4-(N-5-thiazolyl) amide
(1029) 2-(3-indolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(1030) 2-(3-indolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(1031) 2-(3-indolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(1032) 2-(3-indolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(1033) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(1034) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(1035) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(1036) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(1037) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(1038) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(1039) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(1040) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(1041) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(1042) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(1043) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(1044) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(1045) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(1046) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(1047) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-pyridyl)amide
(1048) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-3-pyridyl)amide
(1049) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4-pyridyl)amide
(1050) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(1051) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide
(1052) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(1053) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

(1054) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(1055) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(1056) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(1057) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(1058) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(1059) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(1060) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(1061) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(1062) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(1063) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(1064) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(1065) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(1066) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(1067) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(1068) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(1069) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(1070) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-pyridyl)amide
(1071) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-3-pyridyl)amide
(1072) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4-pyridyl)amide
(1073) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(1074) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide
(1075) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(1076) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide
(1077) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(1078) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(1079) (L)-2-(2-bromo-5-pyridine)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide
(1080) (L)-2-(2-bromo-5-pyridine)-1H-benzimidazole-44N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(1081) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenyllhydroxyethyl)]amide
(1082) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(1083) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(1084) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(1085) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide
(1086) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-o-aminophenyl)amide
(1087) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(1088) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(1089) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(1090) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(1091) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(1092) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(1093) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(1094) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(1095) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(1096) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(1097) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(1098) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-2-pyridyl)amide
(1099) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-3-pyridyl)amide
(1100) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-4-pyridyl)amide
(1101) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(1102) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-5-thiazolyl)amide
(1103) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(1104) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-4,6-di(2-bromo-5-pyridine)-2-pyrimidinyl)amide
(1105) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(1106) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(1107) (L)-2-(2-amino-3-pyridine)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide
(1108) (L)-2-(2-amino-3-pyridine)-1H-benzimidazole-44N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(1109) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(1110) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(1111) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-2-piperazinyl))amide
(1112) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(1113) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide
(1114) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-o-aminophenyl)amide
(1115) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(1116) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(1117) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(1118) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(1119) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

(1120) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(1121) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(1122) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(1123) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(1124) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(1125) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(1126) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-2-pyridyl)amide
(1127) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-3-pyridyl)amide
(1128) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-4-pyridyl)amide
(1129) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(1130) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-5-thiazolyl)amide
(1131) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(1132) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-4,6-di(2-amino-3-pyridine)-2-pyrimidinyl)amide
(1133) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(1134) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(1135) (L)-2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide
(1136) (L)-2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(1137) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(1138) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(1139) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide
(1140) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(1141) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide
(1142) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide
(1143) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(1144) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(1145) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(1146) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(1147) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(1148) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(1149) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(1150) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(1151) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(1152) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(1153) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(1154) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide
(1155) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-3-pyridyl)amide
(1156) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-pyridyl)amide
(1157) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide
(1158) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-thiazolyl)amide
(1159) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide
(1160) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-di(2-pyrrolidine-1-yl-5-pyrimidinyl)-2-pyrimidinyl)amide
(1161) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(1162) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(1163) (L)-2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide
(1164) (L)-2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide
(1165) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide
(1166) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide
(1167) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide
(1168) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide
(1169) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide
(1170) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide
(1171) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide
(1172) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide
(1173) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide
(1174) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide
(1175) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide
(1176) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide
(1177) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide
(1178) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide
(1179) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide
(1180) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide
(1181) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide
(1182) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

(1183) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-3-pyridyl)amide

(1184) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-pyridyl)amide

(1185) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

(1186) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(5-thiazolyl)amide

(1187) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

(1188) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-di(2-piperidine-1-yl-5-pyrimidinyl)-2-pyrimidinyl)amide

(1189) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

(1190) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

(1191) (L)-2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(1192) (L)-2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(1193) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(1194) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

(1195) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

(1196) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

(1197) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(1198) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(1199) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

(1200) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

(1201) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide

(1202) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide

(1203) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

(1204) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

(1205) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide

(1206) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

(1207) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

(1208) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide

(1209) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide

(1210) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

(1211) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-3-pyridyl)amide

(1212) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-pyridyl)amide

(1213) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

(1214) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(5-thiazolyl)amide

(1215) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

(1216) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-di(2-cyclopropylamino-5-pyrimidinyl)-2-pyrimidinyl)amide

(1217) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

(1218) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

(1219) (L)-2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

(1220) (L)-2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

(1221) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

(1222) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

(1223) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

(1224) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

(1225) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide

(1226) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

(1227) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

(1228) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

(1229) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4'-carboxyl-5'-imidazolyl)amide

(1230) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-imidazolyl)amide

(1231) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

(1232) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

(1233) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N'-ethyl-N-piperazinyl)amide

(1234) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

(1235) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

(1236) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4-pyrimidinyl)amide

(1237) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-5-pyrimidinyl)amide

(1238) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

(1239) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-3-pyridyl)amide

(1240) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4-pyridyl)amide

(1241) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

(1242) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(5-thiazolyl)amide

(1243) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

(1244) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

(1245) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide
(1246) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide
(1247) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1248) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1249) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1250) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1251) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1252) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1253) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1254) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1255) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1256) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1257) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1258) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1259) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1260) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1261) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1262) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1263) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1264) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1265) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1266) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1267) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1268) 2-N-piperazinyl-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1269) 2-N-piperazinyl-1H-benzimidazole-4-(N-6-purinyl)amide
(1270) 2-N-piperazinyl-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1271) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1272) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1273) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1274) 2-thiazolyl-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1275) 2-thiazolyl-1H-benzimidazole-4-(N-6-purinyl)amide
(1276) 2-thiazolyl-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1277) 5-thiazolyl-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1278) 5-thiazolyl-1H-benzimidazole-4-(N-6-purinyl)amide
(1279) 5-thiazolyl-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1280) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1281) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1282) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1283) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1284) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1285) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1286) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1287) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1288) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1289) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1290) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1291) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1292) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1293) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1294) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1295) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1296) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1297) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1298) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1299) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1300) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1301) 2-(3-quinolinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1302) 2-(3-quinolinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1303) 2-(3-quinolinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1304) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1305) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1306) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1307) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1308) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1309) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1310) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1311) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide

(1312) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1313) 2-(3-indolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1314) 2-(3-indolyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1315) 2-(3-indolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1316) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1317) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1318) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1319) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1320) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1321) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1322) 2-methoxy-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1323) 2-methoxy-1H-benzimidazole-4-(N-6-purinyl)amide
(1324) 2-methoxy-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1325) 2-ethoxy-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1326) 2-ethoxy-1H-benzimidazole-4-(N-6-purinyl)amide
(1327) 2-ethoxy-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1328) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1329) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1330) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1331) 2-pyrazolyl-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1332) 2-pyrazolyl-1H-benzimidazole-4-(N-6-purinyl) amide
(1333) 2-pyrazolyl-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1334) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1335) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1336) 2-(2'-pyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1337) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1338) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1339) 2-(3'-pyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1340) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1341) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1342) 2-(4'-pyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1343) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1344) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1345) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
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(1349) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1350) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-6-purinyl)amide;
(1351) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1352) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1353) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1354) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1355) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1356) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1357) 2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1358) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1359) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1360) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1361) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1362) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1363) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1364) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1365) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1366) 2-(2-thiazolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1367) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1368) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1369) 2-(5-thiazolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1370) 2-(2-pyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1371) 2-(2-pyridyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1372) 2-(2-pyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1373) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1374) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1375) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1376) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1377) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1378) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

(1379) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1380) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1381) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1382) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1383) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1384) 2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1385) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1386) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1387) 2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1388) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1389) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1390) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1391) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1392) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1393) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1394) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1395) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1396) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1397) 2-(3-indolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1398) 2-(3-indolyl)-1H-benzimidazole-4-(N-6-purinyl) amide
(1399) 2-(3-indolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1400) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1401) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1402) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1403) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1404) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1405) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1406) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1407) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-6-purinyl)amide
(1408) 2-(2-bromo-5-pyridine)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1409) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1410) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-6-purinyl)amide
(1411) 2-(2-amino-3-pyridine)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1412) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1413) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1414) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1415) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1416) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1417) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1418) 2-(2-cyclopropylamino)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1419) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1420) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1421) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide
(1422) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-6-purinyl)amide
(1423) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide
(1424) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide.

Preferably, the pharmaceutically acceptable salts of benzimidazole-4-carboxamide derivatives are inorganic acid salts thereof selected from sulfate, hydrochloride, nitrate, phosphate or boratethe, or organic acid salts thereof selected from citrate, succinate, tartrate, lactate or mesylate.

Another purpose of the present invention is to provide anti-cosxackie-viruses pharmaceutical compositions. The pharmaceutical compositions comprise a therapeutically effective amount of the benzimidazole-4-carboxamide derivatives or a pharmaceutically acceptable salts thereof according to any one of claims **1**~**7**, and one or more pharmaceutically acceptable thinner, excipient and/or inert carrier.

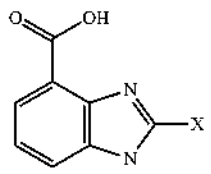
A further purpose of the present invention is to provide uses of the benzimidazole-4-carboxamide derivatives or a pharmaceutically acceptable salts for for preparation of antivirus medications, wherein the viruses are Coxsackie Virus, echovirus and enterovirus which belong to picornaviridae.

Another purpose of the present invention is to provide a method of the benzimidazole-4-carboxamide derivatives or a pharmaceutically acceptable salt thereof as shown in Formula (I), comprising the following steps:

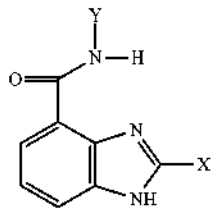
(1) 2-aminoacetyl-3-nitrobenzoic acid is Undergoing Reactions of Ammonolysis, Hoffman Degradation and Reduction in Turn, to Produce 2,3-diamino benzoic acid

(2) 2,3-diamino benzoic acid is Condensed with Aldehydes X—CHO in the Presence of Catalyst of Cupric Acetate, to Produce benzimidazole-4-carboxylic acid of Formula (II)

(II)



(3) benzimidazole-4-carboxylic acid is Reacted with thionyl chloride to Produce acyl chloride, and then Condensing the acyl chloride and an amine NH_2—Y, to Produce the benzimidazole-4-carboxamide Derivative of Formula (I)



(I)

The above reaction conditions are as follows: benzimidazole-4-carboxylic acid is reated with thionyl chloride at temperature of 0~80° C. in a molar molecular ratio of thionyl chloride to benzimidazole-4-carboxylic acid is 1~20 times, to produce benzimidazole-4-carbonyl chloride, and then benzimidazole-4-carbonyl chloride is reacted with an amine in an organic solvent at temperature of 0~100° C. to produce benzimidazole-4-carboxamide derivatives. Wherein the organic solvent comprises dichloroethane, 1,1,2-trichloroethane, chloroform, tetrachloroethylene, benzene, toluene, xylene, chlorobenzene or dichlorobenzene, and so on.

The benzimidazole-4-carboxamide derivatives or a pharmaceutically acceptable salt thereof of the present invention may be administered orally or not. The dosage varies with different drugs, the dosage is 10~300 mg per day in general conditions.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. **1** shows ^{1}HNMR spectrogram of 2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-carboxylic acid in Example 9.

FIG. **2** shows ^{1}HNMR spectrogram of 2-(5-nitro-2-thienyl)-1H-benzimidazole-4-(N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl))amide in Example 21.

FIG. **3** shows ^{1}HNMR spectrogram of 2-(5-nitro-2-thienyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide in Example 28.

FIG. **4** shows ^{1}HNMR spectrogram of (L)-2-(2-pyridyl)-1H-benzimidazole-4-(N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)amide in Example 194.

FIG. **5** shows ^{1}HNMR spectrogram of 2-(4-hydroxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide in Example 663.

FIG. **6** shows ^{1}HNMR spectrogram of (L)-2-(3-hydroxyphenyl)-1H-benzimidazole-4-(N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)amide in Example 664.

DETAILED DESCRIPTION OF THE INVENTION

Hereafter, the present invention will be described specifically with reference to examples. The examples are given only for illustration of the technical solution of the present invention and should not be construed to limit the present invention.

The method of preparing for benzimidazole-4-amide derivatives of the present invention is as follows: using 2-aminoacetyl-3-nitrobenzoic acid as an initiating raw material, 2-aminoacetyl-3-nitrobenzoic acid in turn is undergoing ammonolysis, Hoffman degradation and reduction, to produce 2,3-diamino benzoic acid; and then condensing 2,3-diamino benzoic acid and aldehydes X—CHO in the presence of catalyst of cupric acetate, to produce benzimidazole-4-carboxylic acid; and then reacting benzimidazole-4-carboxylic acid with thionyl chloride to produce acyl chloride, and then condensing the acyl chloride and an amine NH_2—Y, to produce the benzimidazole-4-carboxamide derivative.

EXAMPLE 1

Synthesis of 2.3-diamino benzoic acid

Step 1: Synthesis of 2-aminoacetyl-3-nitrobenzoic acid

30 g of 3-nitro phthalic anhydride is added into 45 ml of concentrated ammonia with 28 g/g % concentration; and heat it to 60° C. under stiffing for 30 minutes; and then to cool it to 10° C. till precipitate needle shape crystals; and to acidize the needle shape crystals with concentrated chlorhydric acid to produce white solids; and then to filter and dry it to obtain 29.4 g of 2-aminoacetyl-3-nitrobenzoic acid.

Step 2: Synthesis of 2-amino-3-nitrobenzoic acid

13.9 g of bromine is dropped into 100 ml of sodium hydroxide aqueous-solution containing 7.3 g of sodium hydroxide to a solution. Then 17 g of 2-aminoacetyl-3-nitrobenzoic acid is added into the above solution; and to heat it to 80° C. to precipitate a large amount of red solids; to filter and then acidize it with the concentrated chlorhydric acid to produce yellow solid products; to dry it to obtain 13.7 g of 2-amino-3-nitrobenzoic acid; and then recrystallize the yellow solid products by adding hot water to obtain the yellow needle shape crystals.

Step 3: Synthesis of 2,3-diaminobenzoic acid

3 g of the above mentioned 2-amino-3-nitrobenzoic acid is added into 30 ml of methanol, 20% sodium hydroxide aqueous solution with the same molar as 2-amino-3-nitrobenzoic acid is dropped into the above methanol solution till dissolve completely. 0.2 g of Raney nickel at the moment is added in to the methanol solution, and to heat it to 65° C. and reflux it at the temperature; and then drop 80 g/g % hydrazine hydrate (about 1.5 equivalent weight×1.1) till the yellow disappears completely. Hot Raney nickel is filtered; and then heat and concentrate the mother liquid and acidize it with the concentrated chlorhydric acid to produce 2.3 g of red 2,3-diaminobenzoic acid; afterwards isolate and purify the crude product of red 2,3-diaminobenzoic acid by column chromatography.

EXAMPLE 2

Synthesis of 2-(5-nitro-2-thienyl)-1H-benzimidazole-4-carboxylic acid

2.0 g of 2,3-diaminobenzoic acid is dissolved into 60 ml of methanol, and methanol solution of 5-nitrofurfural is added into the methanol under stirring. Then 0.5 g of cupric acetate ($Cu(Ac)_2.H_2O$) is added into the above methanol, and then to heat and reflux it; and then to filter hot solution after 2,3-diaminobenzoic acid disappears. 20% sodium sulfide aqueous solution is added into the filtrate and heat it till boiling; and then filtrate the copper sulfide deposition while it is hot;

and then to evaporate the filtrate to dry, purify it through column chromatography to obtain 2-(5-nitro-2-thienyl)-1H-benzimidazole-4-carboxylic acid. The yield is about 65%.

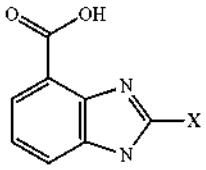
EXAMPLES 3-20

Synthesis of Intermediates of benzimidazole-4-carboxylic acid

Synthesize the benzimidazole-4-carboxylic acid as shown in Formula (II) according to the method of Example 2. The difference is to use aldehydes with different X group as listed in Table 1.

TABLE 1

(II)



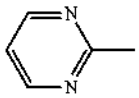
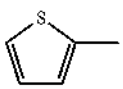
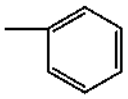
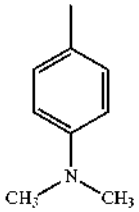
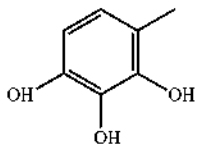
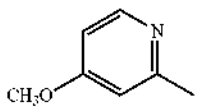
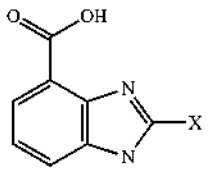
No. of products	Compounds	X	Yield %
4	2-(2-pyrimidinyl)-1H-benzimidazole-4-carboxylic acid		75
5	2-(2-thienyl)-1H-benzimidazole-4-carboxylic acid		76
6	2-methyl-1H-benzimidazole-4-carboxylic acid	—CH3	72
7	2-phenyl-1H-benzimidazole-4-carboxylic acid		80
8	2-(4-(dimethylamino)-phenyl)-1H-benzimidazole-4-carboxylic acid		75
9	2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-carboxylic acid		65
10	2-(4-methoxy-2-pyridyl)-1H-benzimidazole-4-carboxylic acid		68

TABLE 1-continued

(II)



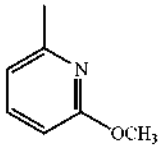
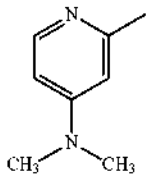
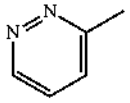
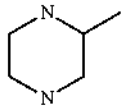
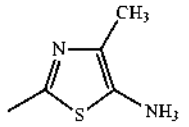
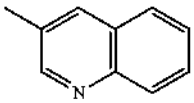
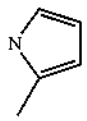
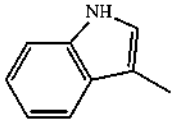
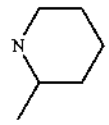
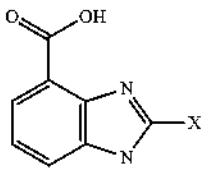
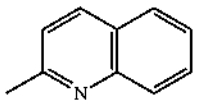
No. of products	Compounds	X	Yield %
11	2-(6-methoxy-2-pyridyl)-1H-benzimidazole-4-carboxylic acid		70
12	2-(4-(dimethylamino)-2-pyridyl)-1H-benzimidazole-4-carboxylic acid		75
13	2-(3-pyridazinyl)-1H-benzimidazole-4-carboxylic acid		60
14	2-(2-piperazinyl)-1H-benzimidazole-4-carboxylic acid		61
15	2-(5-amino-4-methyl-2-thiazolyl)-1H-benzimidazole-4-carboxylic acid		70
16	2-(3-quinolinyl)-1H-benzimidazole-4-carboxylic acid		63
17	2-(2-pyrrolyl)-1H-benzimidazole-4-carboxylic acid		75
18	2-(3-indolyl)-1H-benzimidazole-4-carboxylic acid		71
19	2-(2-piperidinyl)-1H-benzimidazole-4-carboxylic acid		68

TABLE 1-continued

(II)



No. of products	Compounds	X	Yield %
20	2-(2-quinolinyl)-1H-benzimidazole-4-carboxylic acid		70

Structure Identification of Products:

(4)
2-(2-pyrimidinyl)-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.67-7.80 (t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 9.08-9.09(d,1H), 9.10-9.12(d,1H);

(5) 2-(2-thienyl)-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 7.15-7.18(t,1H), 7.41-7.45 (t,1H), 7.68-7.70(d,1H), 7.85(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(6) 2-methyl-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 2.51(s,3H), 7.41-7.45(t, 1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(7) 2-phenyl-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 7.41-7.45(t,1H), 7.38-7.42 (t,1H) 7.50-7.53(t,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.30(d,2H);

(8) 2-(4-(dimethylamino)-phenyl)-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 3.06(s,6H) 6.82-6.84(d, 2H), 7.41-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.97-7.99(d,2H);

(9) 2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-carboxylic acid (Refer to FIG. **1**)

^{1}HNMR (DMSO, 400 MHz) δ: 6.43-6.46 (d, 1H), 7.28-7.32 (t, 1H), 7.77-7.79 (d, 1H), 7.82-7.85 (m, 1H), 8.57(s, 1H), 9.54 (s, 1H), 12.11(s, 1H), 13.16(s, 1H);

(10) 2-(4-(methoxy)-2-pyridyl)-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 7.31(s,1H), 7.41-7.45(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.48-8.49(d,1H);

(11) 2-(6-methoxy-2-pyridyl)-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,3H), 6.50-6.51(d, 1H), 7.38-7.39(d,1H), 7.41-7.45(t,1H), 7.72-7.75(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(12) 2-(4-(dimethylamino)-2-pyridyl)-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 7.16-7.18(d, 1H), 7.41-7.45(t,1H), 7.71(s,1H), 7.89-7.91(d,1H), 7.93-7.94 (d,1H), 8.05-8.07(d,1H);

(13)
2-(3-pyridazinyl)-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 7.41-7.45(t,1H), 7.61-7.63 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.06-8.08(d,1H), 9.34-9.37(d,1H);

(14)
2-(2-piperazinyl)-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,2H), 2.60-2.62(m,1H), 2.65-2.66(m,1H), 2.67-2.70(m,1H), 2.72-2.75 (m,1H), 2.84-2.88(m,1H), 3.09-3.14(m,1H), 4.14-4.19(m, 1H), 7.41-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(15) 2-(5-amino-4-methyl-2-thiazolyl)-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 1.03-1.09(d,3H), 3.70-3.73 (m,1H), 4.17-4.22(m,1H), 5.11-5.13(d,2H), 7.41-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(16)
2-(3-quinolinyl)-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 7.41-7.45(t,1H), 7.60-7.65 (t,1H), 7.78-7.80(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.97-7.99(d,1H), 8.06-8.09(d,1H), 8.22(s,1H), 8.57(s,1H);

(17) 2-(2-pyrrolyl)-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 6.15-6.17(t,1H), 6.39-6.40 (d,1H), 6.95-6.98(t,1H), 7.41-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(18) 2-(3-indolyl)-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 7.01-7.05(t,1H), 7.31-7.34 (t,1H), 7.41-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.60(s,1H);

(19)
2-(2-piperidinyl)-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 1.47-1.49(m,2H), 1.50-1.55(m,2H), 1.67-1.92(m,2H), 4.01-4.03(m,1H), 7.41-7.45 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(20)
2-(2-quinolinyl)-1H-benzimidazole-4-carboxylic acid

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.46-1.47(m,1H), 1.49-1.51(m,1H), 1.53-1.55(m,1H), 1.67-1.70(m,1H), 1.92-1.96(m,1H), 2.69-2.71(m,1H), 2.78-2.80(m,1H), 4.01-4.03(m,1H), 7.41-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H)

EXAMPLE 21

Synthesis of (L)-2-(5-nitro-2-thienyl)-1H-benzimidazole-4-(N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)amide

1.0 g of 2-(5-nitro-2-thienyl)-1H-benzimidazole-4-carboxylic acid in Example 2 is added into 15 ml of thionyl chloride and is reacted for 60 minutes, after end of the reaction completely, (L)-2-amino-1-p-nitrophenyl-1,3-propylene glycol (1.1 eq.) is added into the reaction mixture under stirring for 2 hours at the room temperature; and then filter the inorganic salt, evaporate the solvent to dry and obtain the final product of 2-(5-nitro-2-thienyl)-1H-benzimidazole-4-(N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)amide. The yield is about 93%. ^{1}HNMR spectrum is shown in FIG. **2**.
Structure Identification of Product:
^{1}HNMR(DMSO,400 MHz) δ: 3.59-3.60(m,1H),3.65-3.67(t,1H),4.16-4.22(q,1H),5.07-5.08(t,1H),5.27-5.28(t,1H), 6.16-6.17(d,1H),7.35-7.39(t,1H),7.53-7.54(d,1H),7.72-7.75(m,2H),7.77-7.79(m,2H),8.00-8.01(d,1H),8.05-8.07(d,3H), 10.04-10.06(d,2H),14.05(s,1H).

EXAMPLE 22

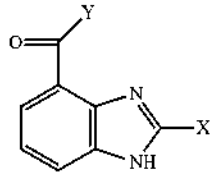
Synthesis of 2-(5-nitro-2-thienyl)-1H-benzimidazole-4-(N-(1-methyl-2-p-chlorophenylhydroxyethyl) amide

1.0 g of 2-(5-nitro-2-thienyl)-1H-benzimidazole-4-carboxylic acid is added into 15 ml of thionyl chloride; and to heat and reflux it for 60 minutes. After end of the reaction, 2-amino-1-p-chlorophenyl-1-propanol (1.1 eq) is dissolved into tetrahydrofuran, and then drop acyl chloride to the above tetrahydrofuran mixture under stirring at the room temperature and then filter inorganic salt, evaporate the solvent to dry, and then isolate the mixture through column chromatography to obtain 2-(5-nitro-2-thienyl)-1H-benzimidazole-4-(N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)amide. The yield is about 92%.
Structure Identification of Product:
^{1}HNMR (DMSO, 400 MHz) δ: 1.10-1.16(d,3H), 3.26-3.28(m,1H), 3.64-3.66(d,1H), 4.71-4.74(m,1H), 7.28-7.30(d,2H), 7.35-7.38(d,2H), 7.41-7.45(t,1H), 7.56-7.58(d,1H), 7.62-7.68(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H).

EXAMPLES 23-67

Use the same process as Example 22 to synthesize the compound as shown in Table 2.

TABLE 2



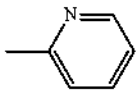
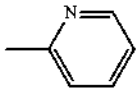
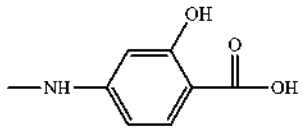
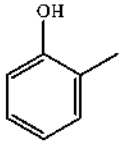
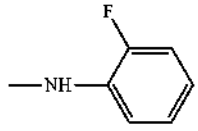
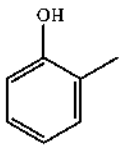
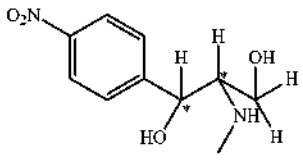
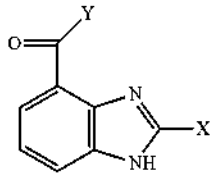
No.	Compounds	X	Y	Field %
23	2-(2-pyridyl)-1H-benzimidazole-4-N-hydroxyethylamide		—NHCH2CH2OH	88
24	2-(2-pyridyl)-1H-benzimidazole-4-N-o-hydroxyphenylcarboxylamide			80
25	2-(2-hydroxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			82
26	(L)-2-(2-hydroxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxyl-2-p-nitrophenylhydroxyethyl)]amide			91

TABLE 2-continued



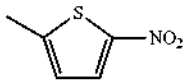
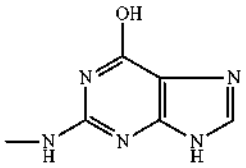
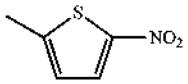
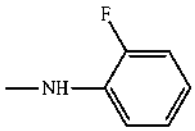
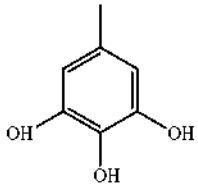
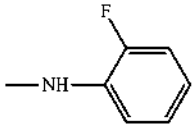
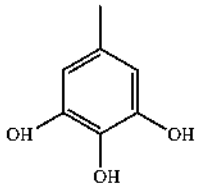
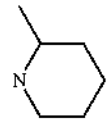
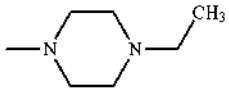
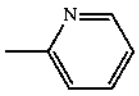
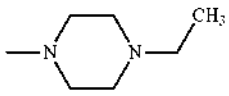
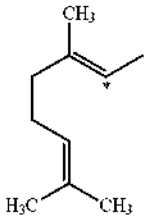
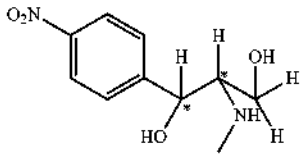
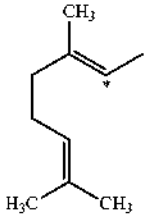
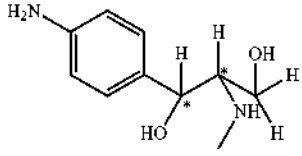
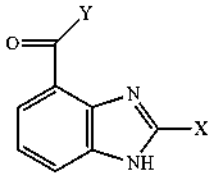
No.	Compounds	X	Y	Field %
27	2-(5-nitro-2-thienyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			90
28	2-(5-nitro-2-thienyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			89
29	2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			93
30	2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-(N-hydroxyethyl)amide		—NHCH2CH2OH	86
31	2-(2-piperidinyl)-1H-benzimidazole-4-(4-N'-ethyl-N-piperazinyl)amide			95
32	2-(2-pyridyl)-1H-benzimidazole-4-(4-N'-ethyl-N-piperazinyl)amide			94
33	(L)-2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			90
34	(L)-2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			89

TABLE 2-continued



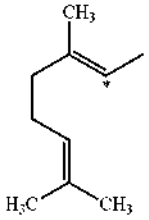
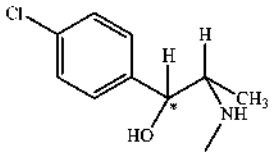
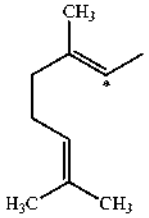
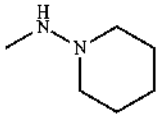
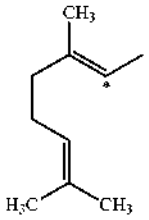
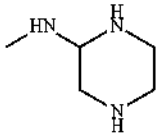
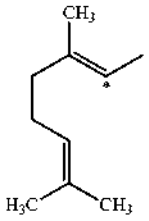
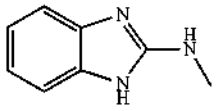
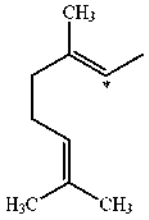
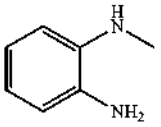
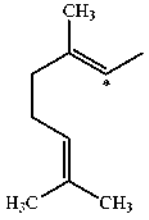
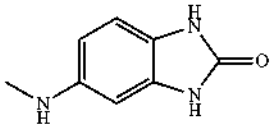
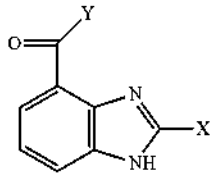
No.	Compounds	X	Y	Field %
35	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			90
36	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			90
37	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			89
38	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			91
39	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			88
40	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			87

TABLE 2-continued



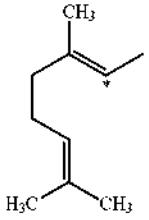
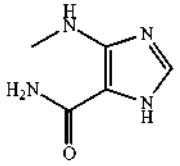
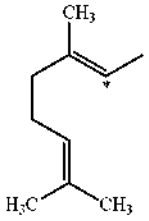
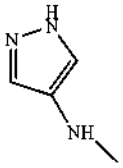
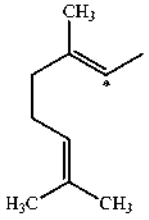
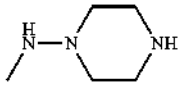
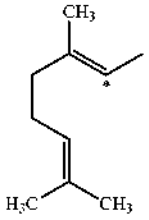
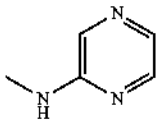
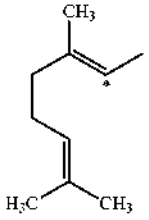
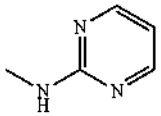
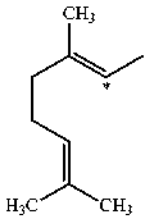
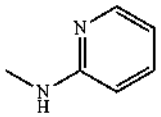
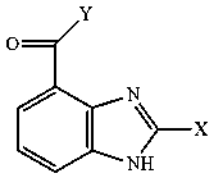
No.	Compounds	X	Y	Field %
41	2-(2,6-dimethyl-2.6-octadienyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			90
42	2-(2,6-dimethyl-2.6-octadienyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			87
43	2-(2,6-dimethyl-2.6-octadienyl)-1H-benzimidazole-4-(N-(N'-piperazinyl)amide			87
44	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			90
45	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			91
46	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			93

TABLE 2-continued



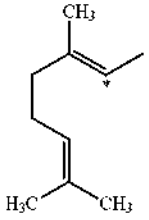
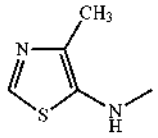
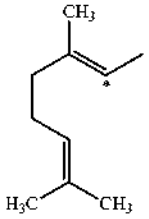
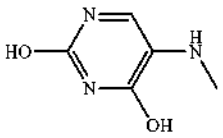
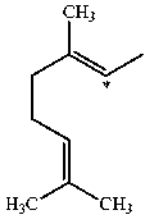
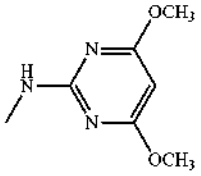
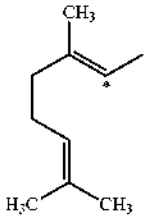
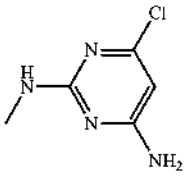
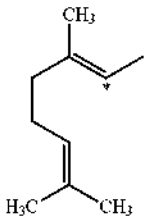
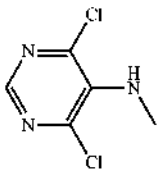
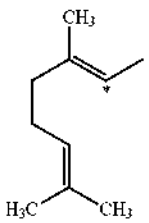
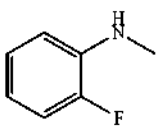
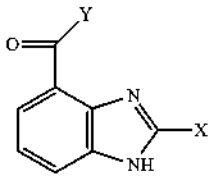
No.	Compounds	X	Y	Field %
47	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			90
48	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			85
49	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			94
50	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			88
51	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			90
52	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			93

TABLE 2-continued



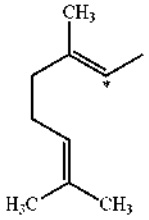
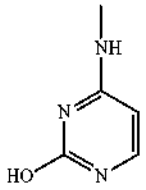
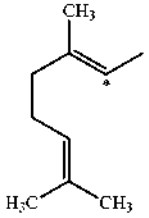
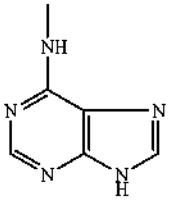
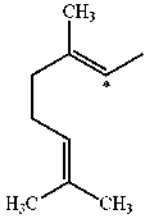
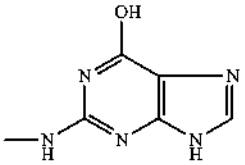
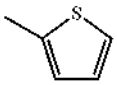
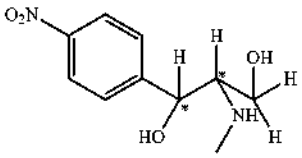
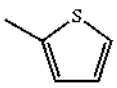
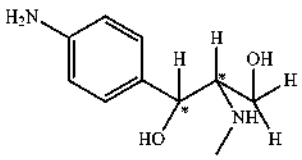
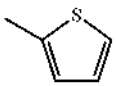
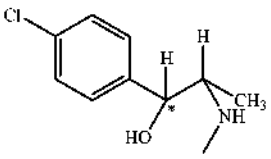
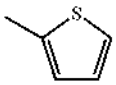
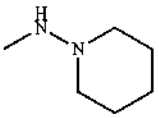
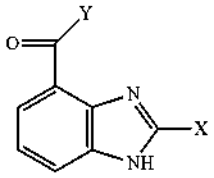
No.	Compounds	X	Y	Field %
53	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			86
54	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-6-purinyl)amide			90
55	2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-6-hydroxy-2-purinyl)amide			91
56	(L)-2-(2-thienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			90
57	(L)-2-(2-thienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			92
58	2-(2-thienyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			92
59	2-(2-thienyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			91

TABLE 2-continued



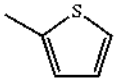
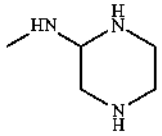
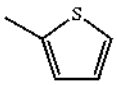
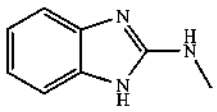
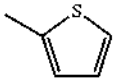
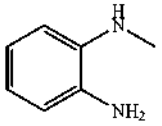
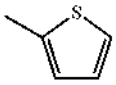
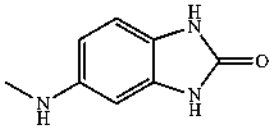
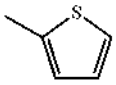
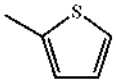
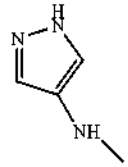
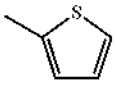
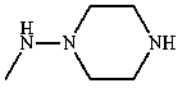
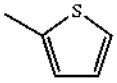
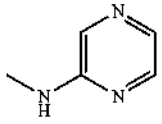
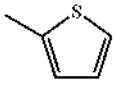
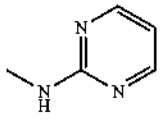
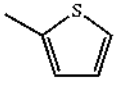
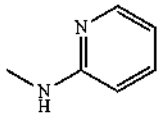
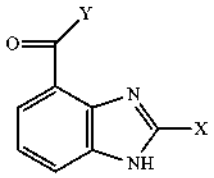
No.	Compounds	X	Y	Field %
60	2-(2-thienyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			88
61	2-(2-thienyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			93
62	2-(2-thienyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			94
63	2-(2-thienyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			90
64	2-(2-thienyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			94
65	2-(2-thienyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			92
66	2-(2-thienyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			94
67	2-(2-thienyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			94
68	2-(2-thienyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			93
69	2-(2-thienyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			90

TABLE 2-continued



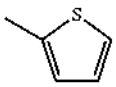
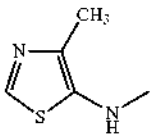
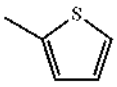
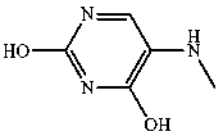
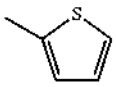
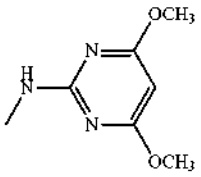
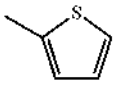
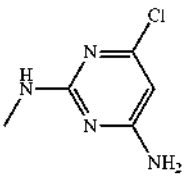
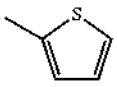
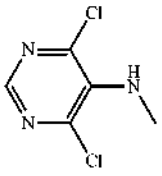
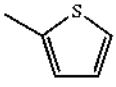
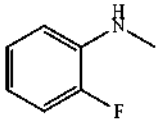
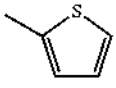
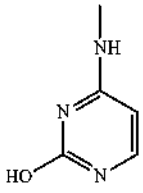
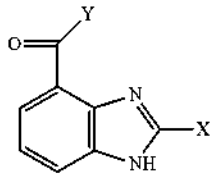
No.	Compounds	X	Y	Field %
70	2-(2-thienyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			91
71	2-(2-thienyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			93
72	2-(2-thienyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			93
73	2-(2-thienyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			88
74	2-(2-thienyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			89
75	2-(2-thienyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			87
76	2-(2-thienyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			92

TABLE 2-continued



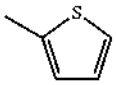
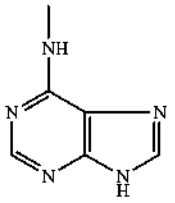
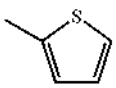
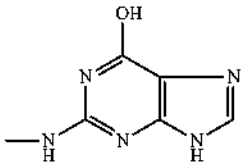
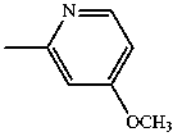
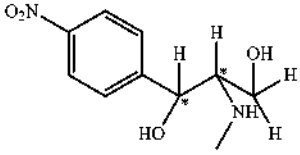
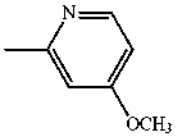
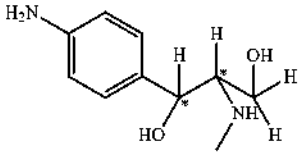
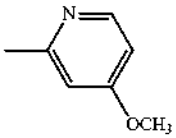
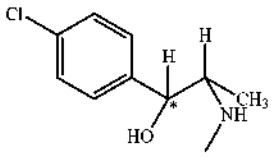
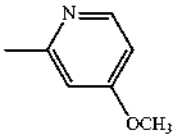
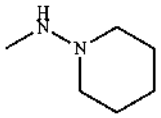
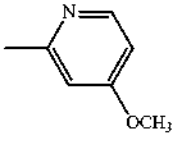
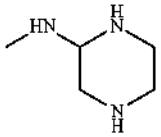
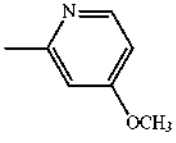
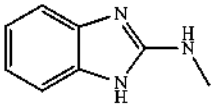
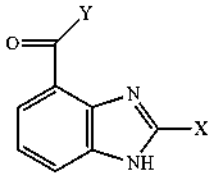
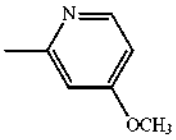
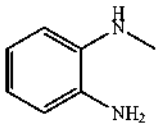
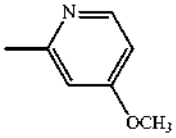
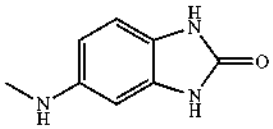
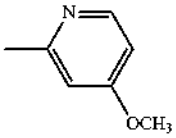
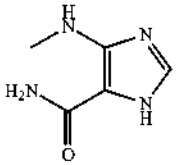
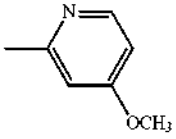
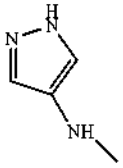
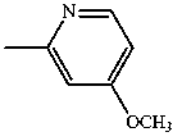
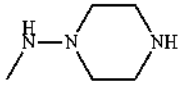
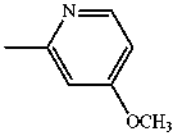
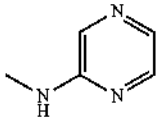
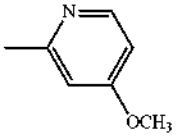
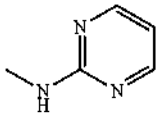
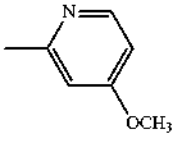
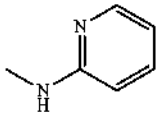
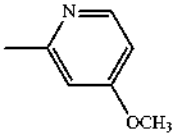
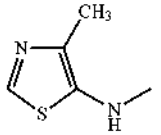
No.	Compounds	X	Y	Field %
77	2-(2-thienyl)-1H-benzimidazole-4-(N-6-purinyl)amide			90
78	2-(2-thienyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			91
79	(L)-2-(4-methoxypyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			93
80	(L)-2-(4-methoxypyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			93
81	2-(4-methoxypyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			94
82	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			90
83	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			93
84	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			92

TABLE 2-continued



No.	Compounds	X	Y	Field %
85	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			91
86	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			91
87	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			93
88	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			92
89	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-(N'-piperazinyl)amide			93
90	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			94
91	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			92
92	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			92
93	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			93

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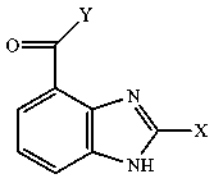


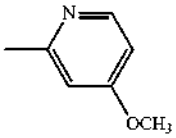
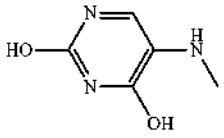
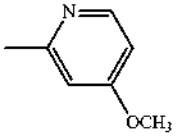
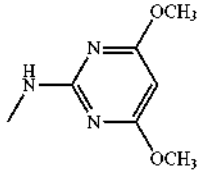
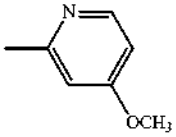
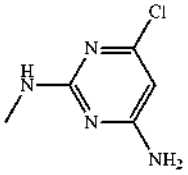
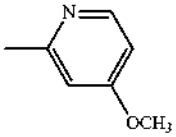
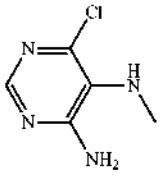
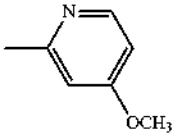
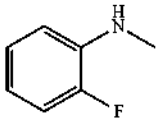
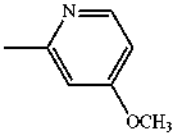
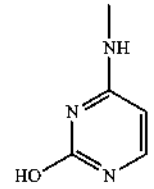
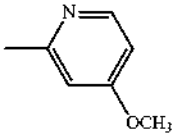
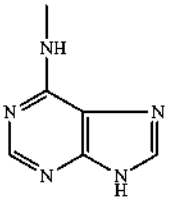
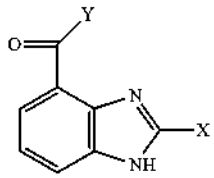
No.	Compounds	X	Y	Field %
94	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			94
95	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			90
96	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			94
97	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			92
98	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			94
99	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			94
100	2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-6-purinyl)amide			93

TABLE 2-continued



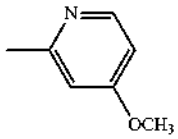
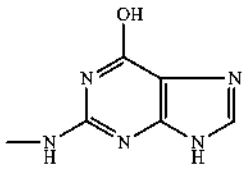
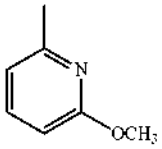
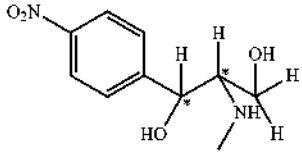
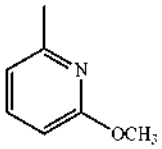
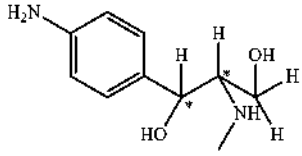
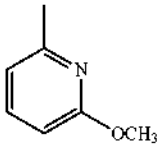
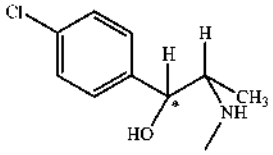
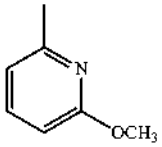
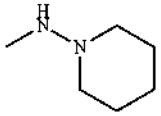
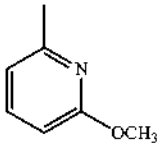
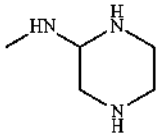
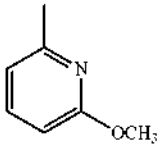
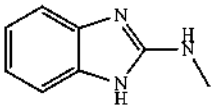
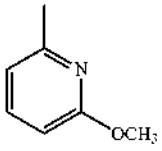
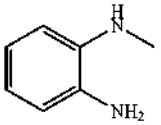
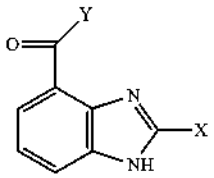
No. Compounds	X	Y	Field %
101 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			90
102 (L)-2-(6-methoxypyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			91
103 (L)-2-(6-methoxypyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			93
104 2-(6-methoxypyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			93
105 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-N'-piperdinyl)amide			94
106 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			89
107 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			93
108 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			92

TABLE 2-continued



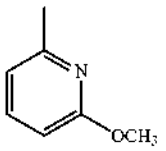
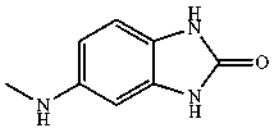
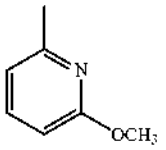
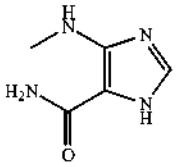
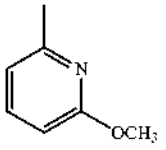
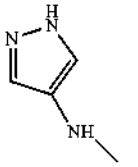
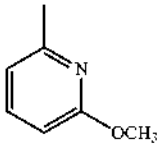
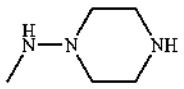
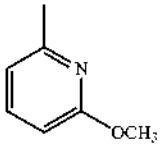
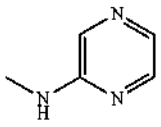
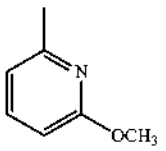
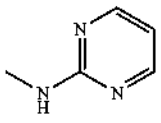
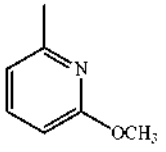
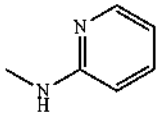
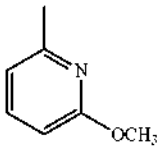
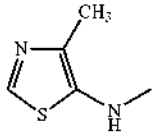
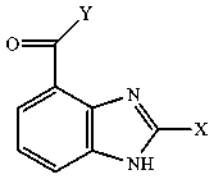
No.	Compounds	X	Y	Field %
109	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			90
110	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			89
111	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			93
112	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			93
113	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			94
114	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			90
115	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			93
116	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			92

TABLE 2-continued



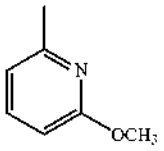
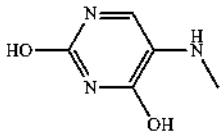
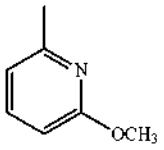
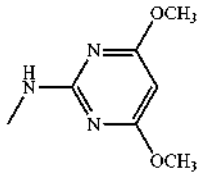
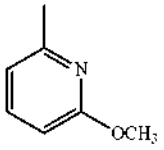
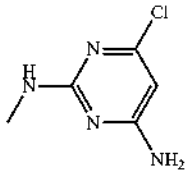
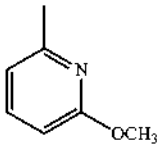
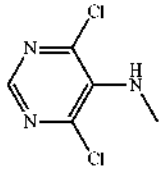
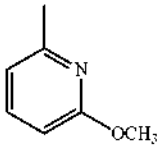
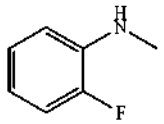
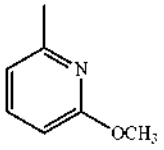
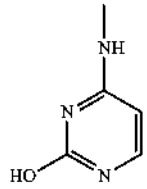
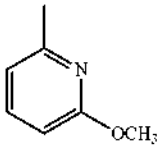
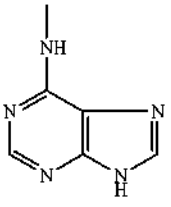
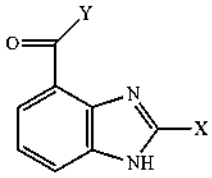
No.	Compounds	X	Y	Field %
117	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			86
118	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			91
119	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			90
120	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			92
121	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			93
122	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			87
123	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-6-purinyl)amide			92

TABLE 2-continued



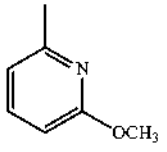
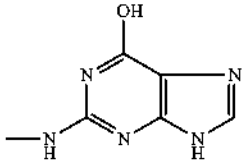
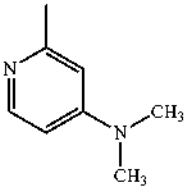
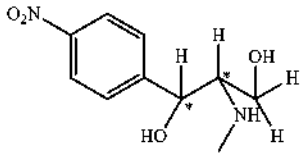
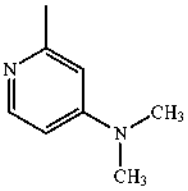
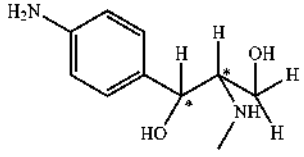
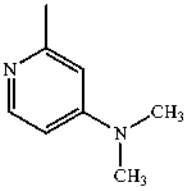
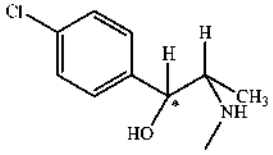
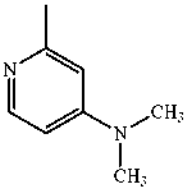
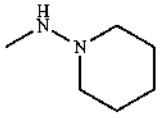
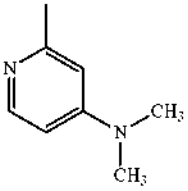
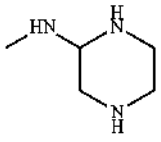
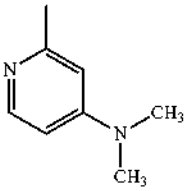
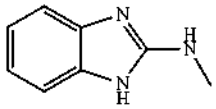
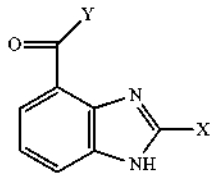
No.	Compounds	X	Y	Field %
124	2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			88
125	(L)-2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			93
126	(L)-2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			94
127	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			90
128	2-(4-dimethylaminopyridyl)-1H-benzimidazole-(N-N'-piperidinyl)amide			94
129	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			92
130	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			94

TABLE 2-continued



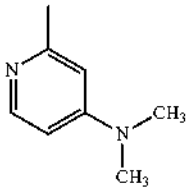
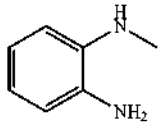
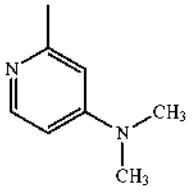
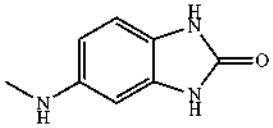
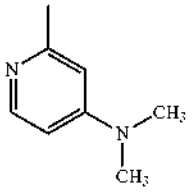
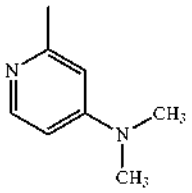
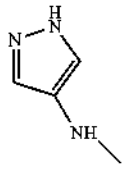
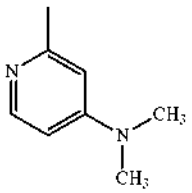
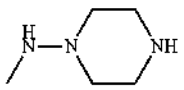
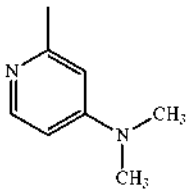
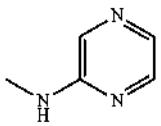
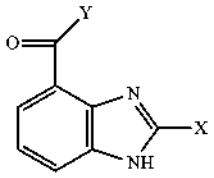
No.	Compounds	X	Y	Field %
131	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			94
132	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			93
133	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			86
134	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			91
135	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-(N'-piperazinyl)amide			93
136	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			93

TABLE 2-continued



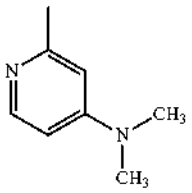
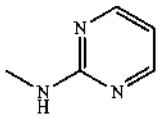
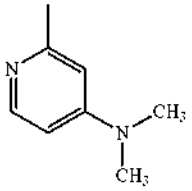
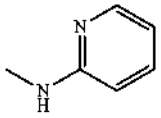
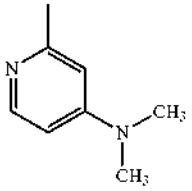
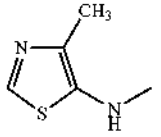
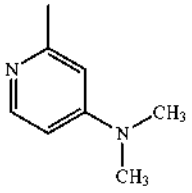
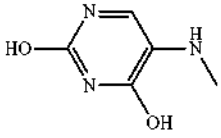
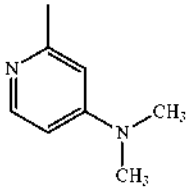
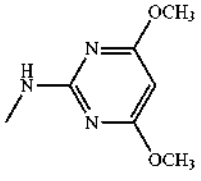
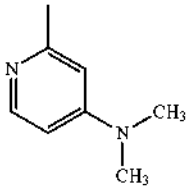
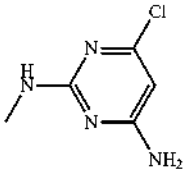
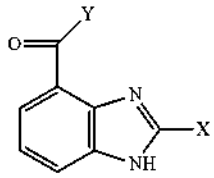
No.	Compounds	X	Y	Field %
137	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			88
138	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			89
139	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			87
140	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			88
141	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			90
142	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			89

TABLE 2-continued



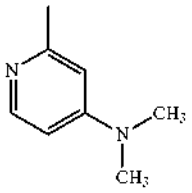
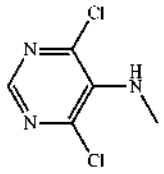
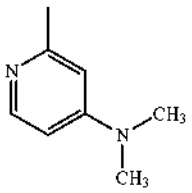
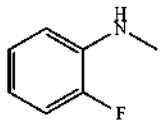
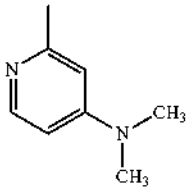
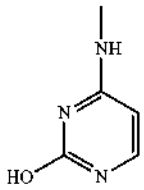
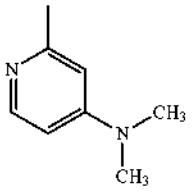
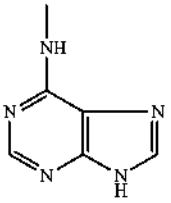
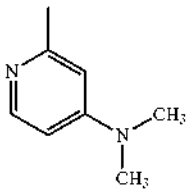
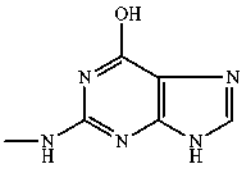
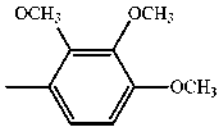
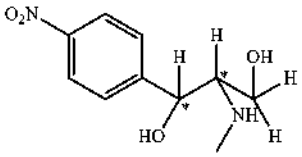
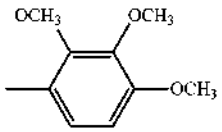
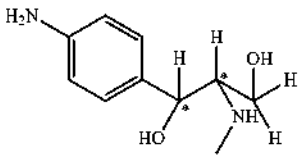
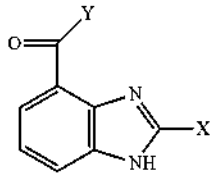
No.	Compounds	X	Y	Field %
143	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			93
144	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			93
145	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			88
146	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-6-purinyl)amide			90
147	2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			93
148	(L)-2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			92
149	(L)-2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			91

TABLE 2-continued



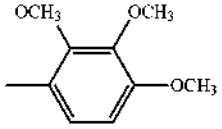
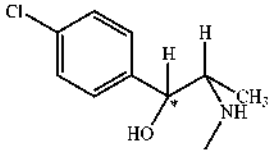
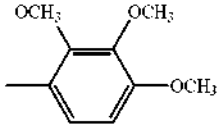
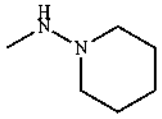
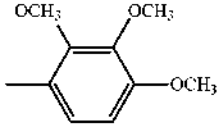
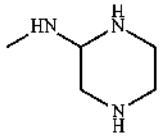
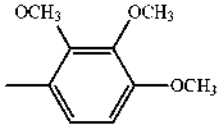
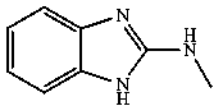
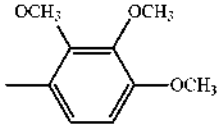
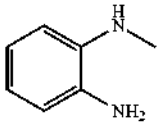
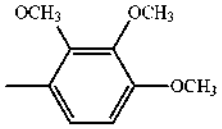
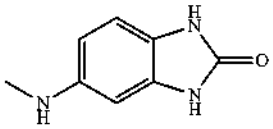
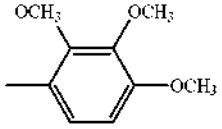
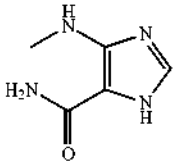
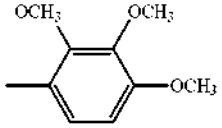
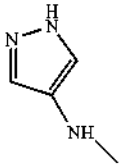
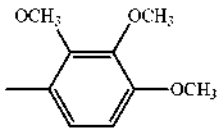
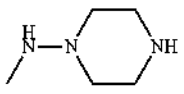
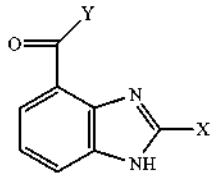
No.	Compounds	X	Y	Field %
150	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			91
151	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			93
152	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			92
153	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			93
154	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			90
155	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			92
156	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			87
157	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			93
158	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-(N'-piperazinyl)amide			94

TABLE 2-continued



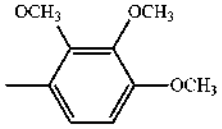
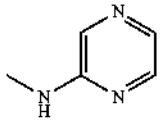
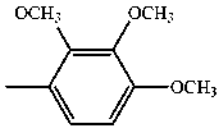
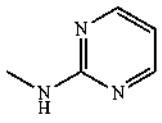
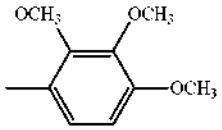
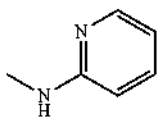
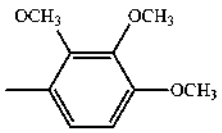
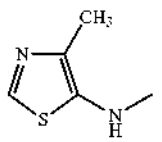
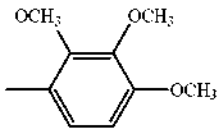
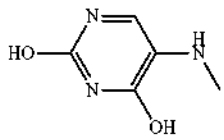
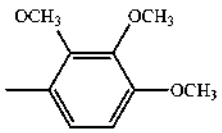
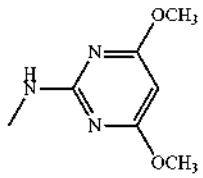
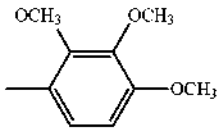
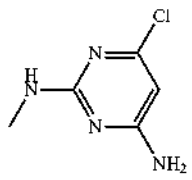
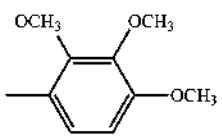
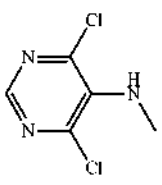
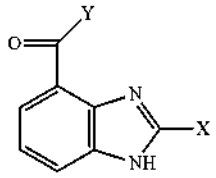
No.	Compounds	X	Y	Field %
159	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			90
160	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			94
161	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			92
162	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			94
163	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			94
164	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			93
165	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			90
166	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			91

TABLE 2-continued



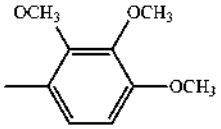
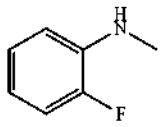
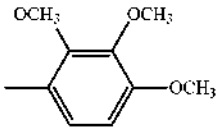
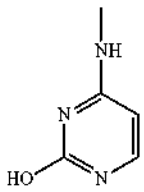
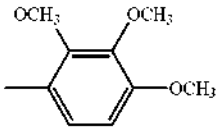
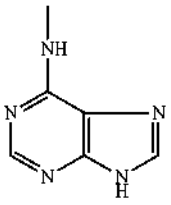
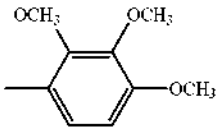
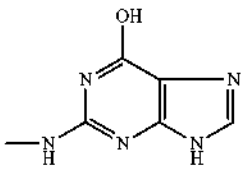
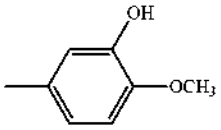
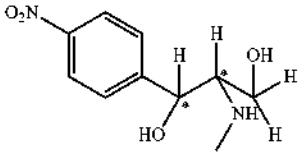
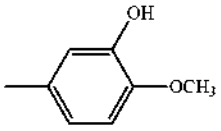
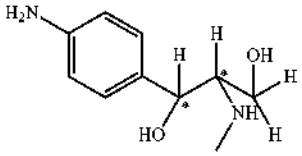
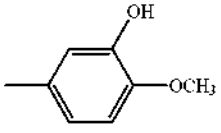
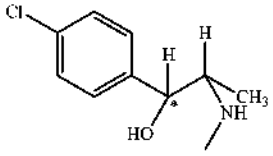
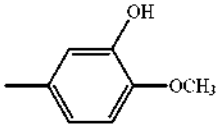
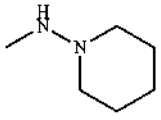
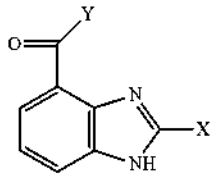
No.	Compounds	X	Y	Field %
167	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			93
168	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			89
169	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-6-purinyl)amide			88
170	2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			89
171	(L)-2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			87
172	(L)-2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			90
173	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			90
174	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			91

TABLE 2-continued



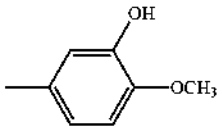
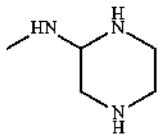
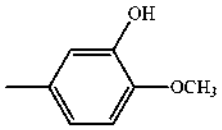
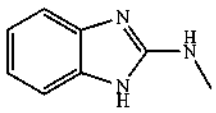
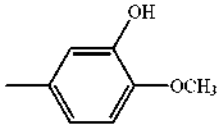
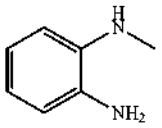
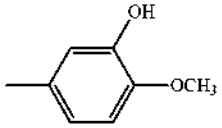
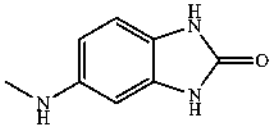
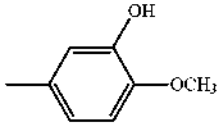
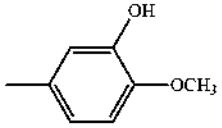
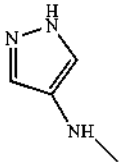
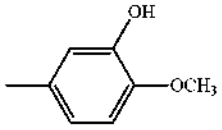
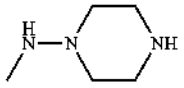
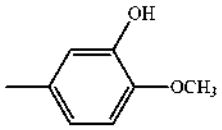
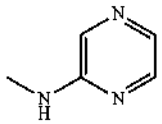
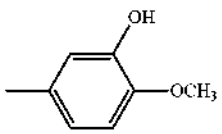
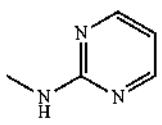
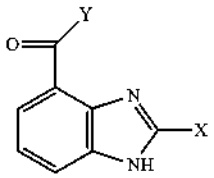
No.	Compounds	X	Y	Field %
175	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			93
176	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			93
177	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			94
178	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			90
179	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			86
180	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			92
181	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			91
182	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			91
183	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			93

TABLE 2-continued



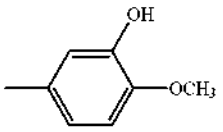
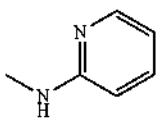
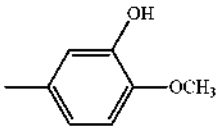
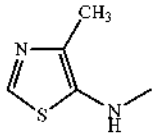
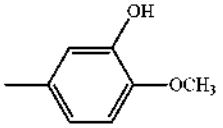
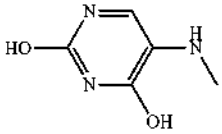
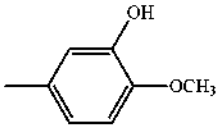
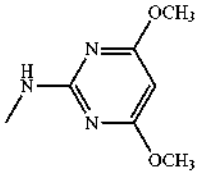
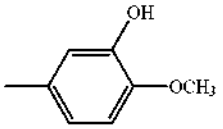
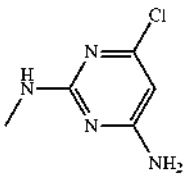
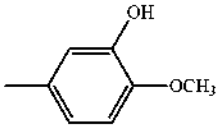
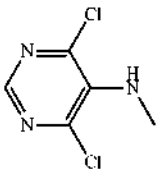
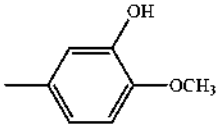
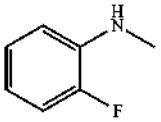
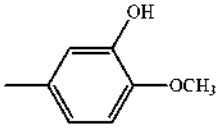
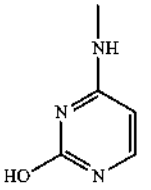
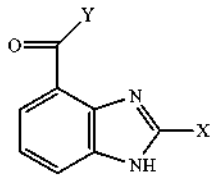
No.	Compounds	X	Y	Field %
184	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			92
185	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			93
186	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			89
187	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			92
188	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			92
189	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			93
190	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			94
191	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			90

TABLE 2-continued



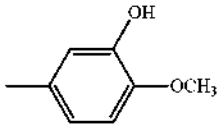
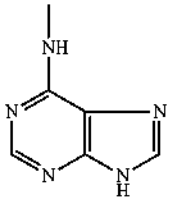
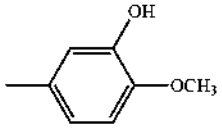
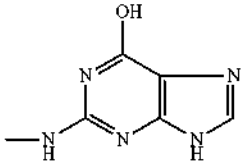
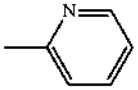
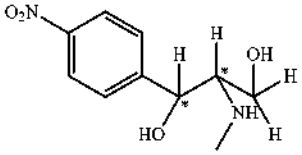
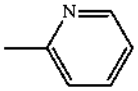
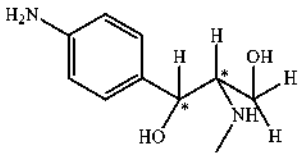
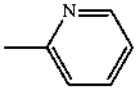
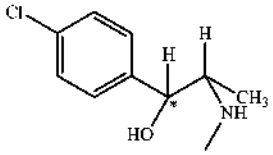
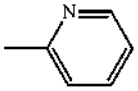
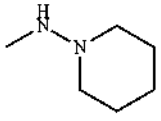
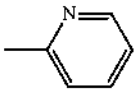
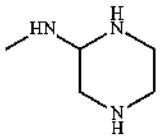
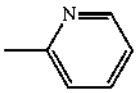
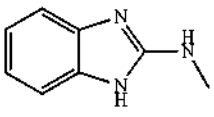
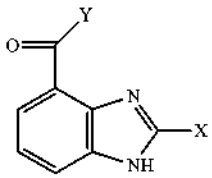
No.	Compounds	X	Y	Field %
192	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-6-purinyl)amide			94
193	2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			89
194	(L)-2-(2-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethy])]amide			94
195	(L)-2-(2-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			90
196	2-(2-pyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			93
197	2-(2-pyridyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			90
198	2-(2-pyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			91
199	2-(2-pyridyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			93

TABLE 2-continued



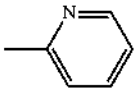
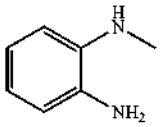
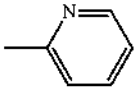
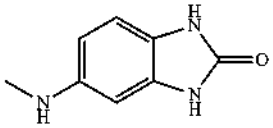
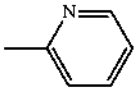
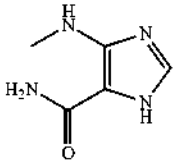
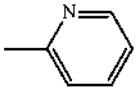
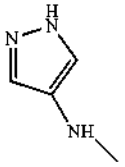
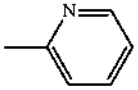
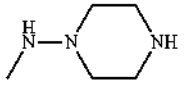
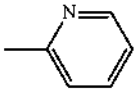
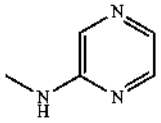
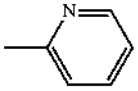
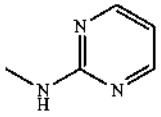
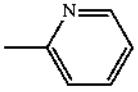
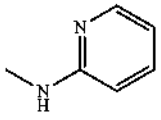
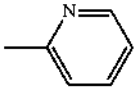
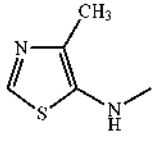
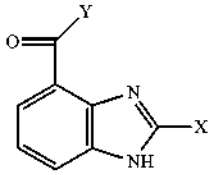
No.	Compounds	X	Y	Field %
200	2-(2-pyridyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			89
201	2-(2-pyridyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			88
202	2-(2-pyridyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			86
203	2-(2-pyridyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			87
204	2-(2-pyridyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			92
205	2-(2-pyridyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			90
206	2-(2-pyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			91
207	2-(2-pyridyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			93
208	2-(2-pyridyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			93

TABLE 2-continued



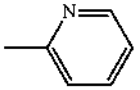
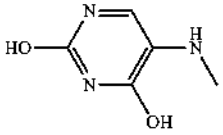
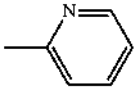
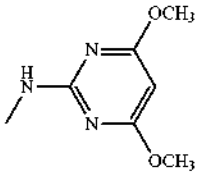
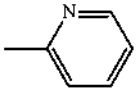
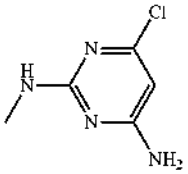
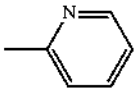
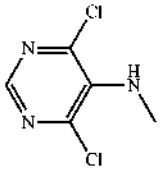
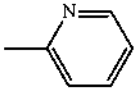
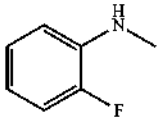
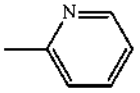
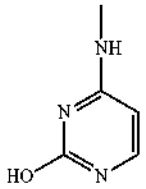
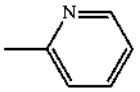
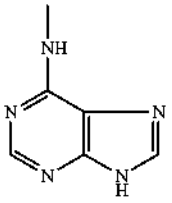
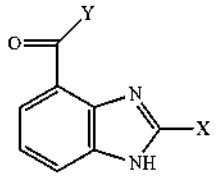
No. Compounds	X	Y	Field %
209 2-(2-pyridyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			88
210 2-(2-pyridyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			90
211 2-(2-pyridyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			93
212 2-(2-pyridyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			92
213 2-(2-pyridyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			91
214 2-(2-pyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			91
215 2-(2-pyridyl)-1H-benzimidazole-4-(N-6-purinyl)amide			93

TABLE 2-continued



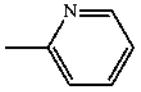
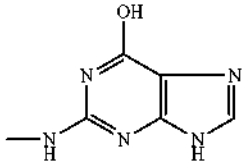
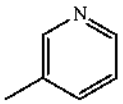
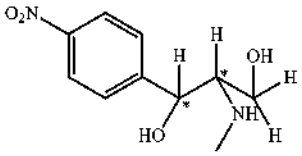
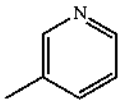
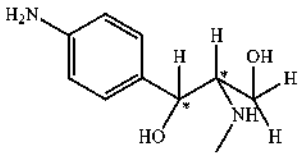
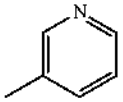
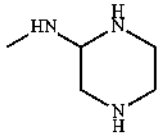
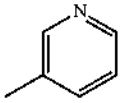
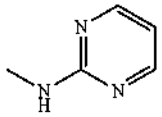
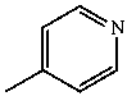
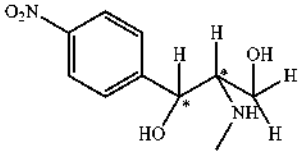
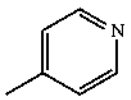
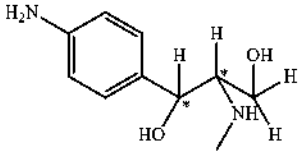
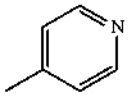
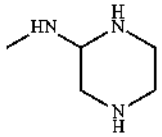
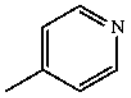
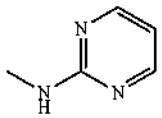
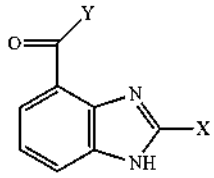
No.	Compounds	X	Y	Field %
216	2-(2-pyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			88
217	(L)-2-(3-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			93
218	(L)-2-(3-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			94
219	2-(3-pyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			92
220	2-(3-pyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			92
221	(L)-2-(4-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			93
222	(L)-2-(4-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			94
223	2-(4-pyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			90
224	2-(4-pyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			94

TABLE 2-continued



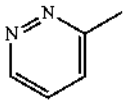
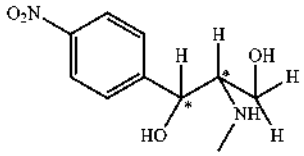
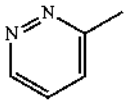
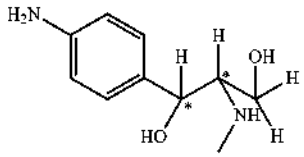
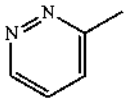
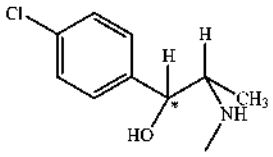
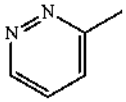
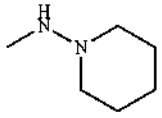
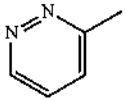
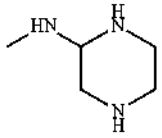
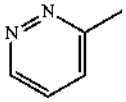
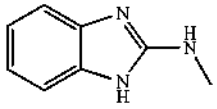
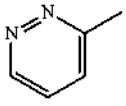
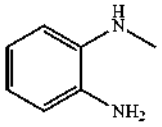
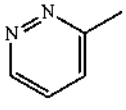
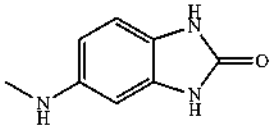
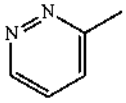
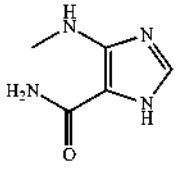
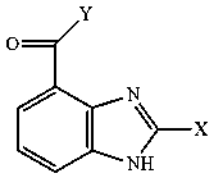
No. Compounds	X	Y	Field %
225 (L)-2-(3-pyridazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			92
226 (L)-2-(3-pyridazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			91
227 2-(3-pyridazinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			94
228 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-N'-piperdinyl)amide			93
229 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			90
230 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			91
231 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			93
232 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			93
233 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			86

TABLE 2-continued



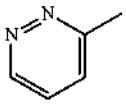
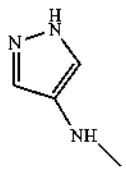
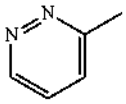
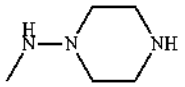
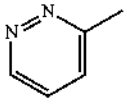
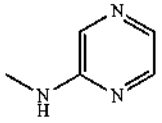
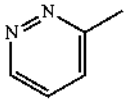
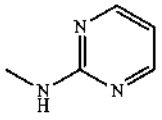
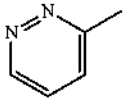
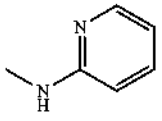
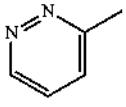
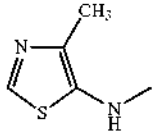
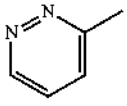
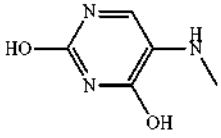
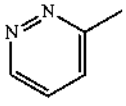
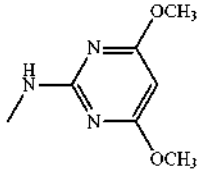
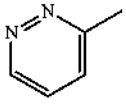
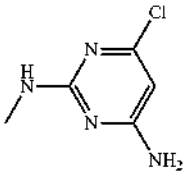
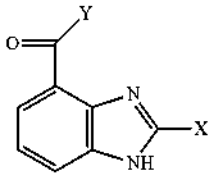
No. Compounds	X	Y	Field %
234 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			89
235 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			87
236 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			92
237 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			90
238 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			91
239 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			93
240 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			89
241 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			94
242 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			90

TABLE 2-continued



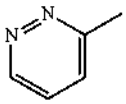
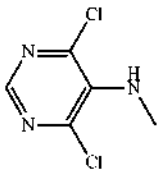
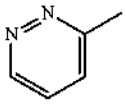
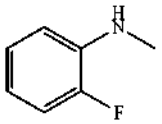
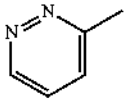
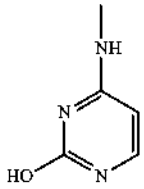
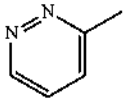
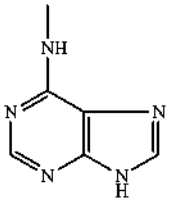
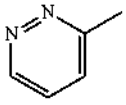
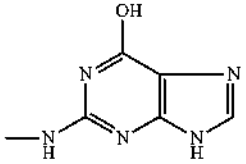
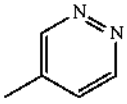
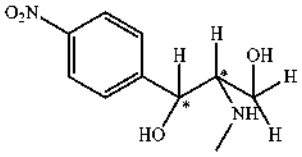
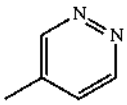
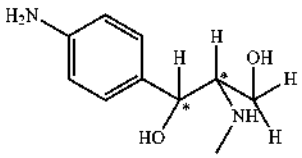
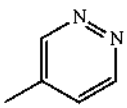
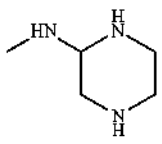
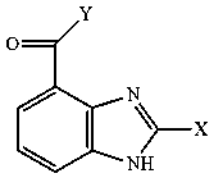
No.	Compounds	X	Y	Field %
243	2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			93
244	2-(3-pyridazinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			92
245	2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			88
246	2-(3-pyridazinyl)-1H-benzimidazole-4-(N-6-purinyl)amide			91
247	2-(3-pyridazinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			87
248	(L)-2-(4-pyridazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			92
249	(L)-2-(4-pyridazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			90
250	2-(4-pyridazinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			94

TABLE 2-continued



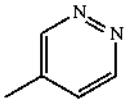
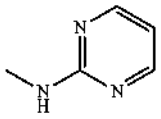
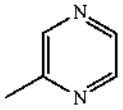
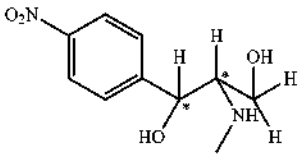
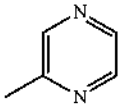
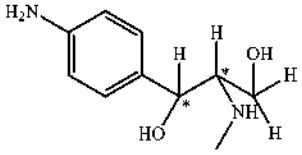
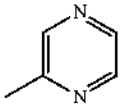
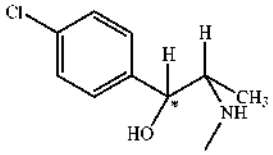
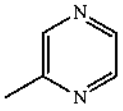
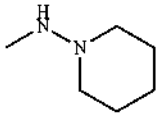
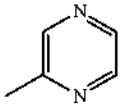
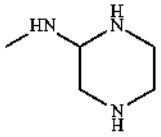
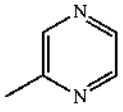
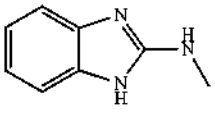
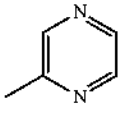
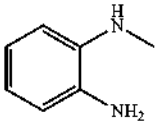
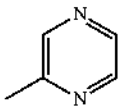
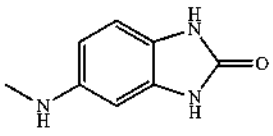
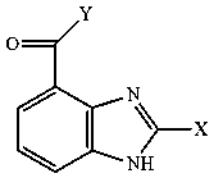
No.	Compounds	X	Y	Field %
251	2-(4-pyridazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			92
252	(L)-2-(2-pyrazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethy]-2-p-nitrophenylhydroxyethyl)]amide			92
253	(L)-2-(2-pyrazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			89
254	2-(2-pyrazinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			94
255	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			90
256	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			94
257	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			92
258	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			90
259	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			94

TABLE 2-continued



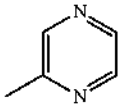
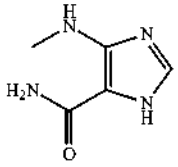
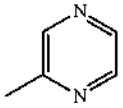
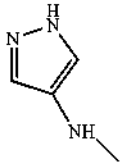
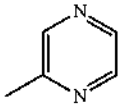
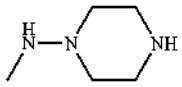
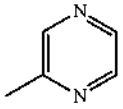
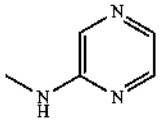
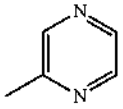
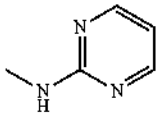
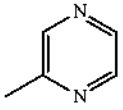
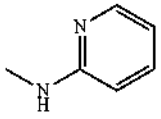
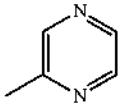
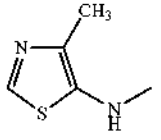
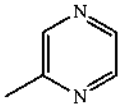
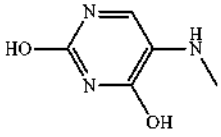
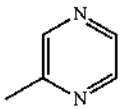
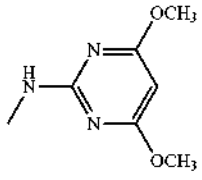
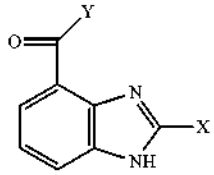
No.	Compounds	X	Y	Field %
260	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			87
261	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			90
262	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			91
263	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			93
264	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			93
265	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			88
266	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			89
267	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			87
268	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			92

TABLE 2-continued



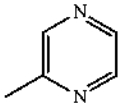
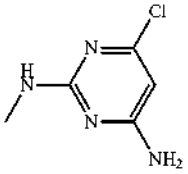
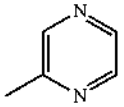
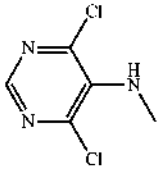
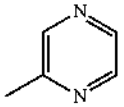
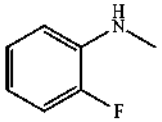
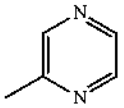
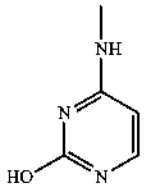
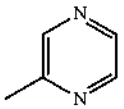
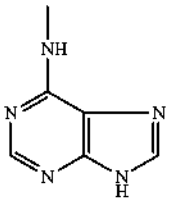
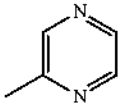
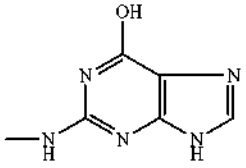
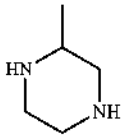
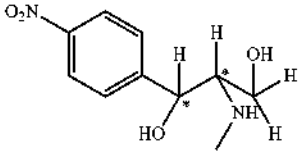
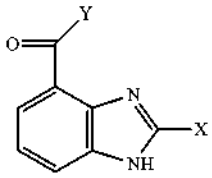
No.	Compounds	X	Y	Field %
269	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			90
270	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			91
271	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			93
272	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			89
273	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-6-purinyl)amide			94
274	2-(2-pyrazinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			89
275	(L)-2-(2-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			93

TABLE 2-continued



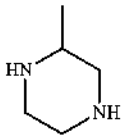
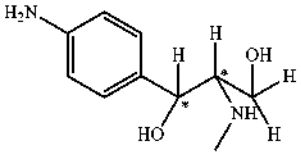
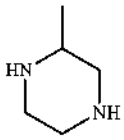
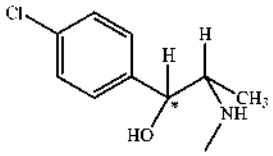
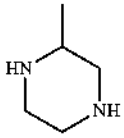
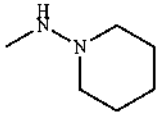
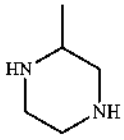
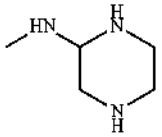
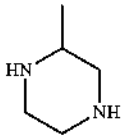
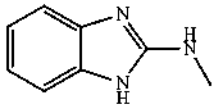
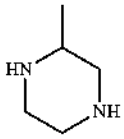
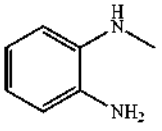
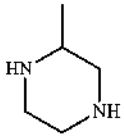
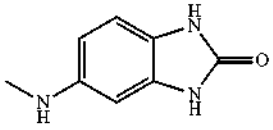
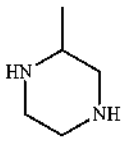
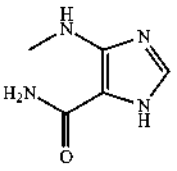
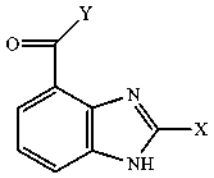
No.	Compounds	X	Y	Field %
276	(L)-2-(2-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			90
277	2-(2-piperazinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			91
278	2-(2-piperazinyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			91
279	2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			93
280	2-(2-piperazinyl)-1H-benzimidazole-4-(N-2,-benzimidazolyl)amide			92
281	2-(2-piperazinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			93
282	2-(2-piperazinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			94
283	2-(2-piperazinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			89

TABLE 2-continued



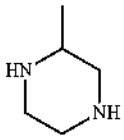
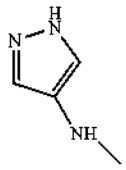
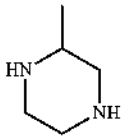
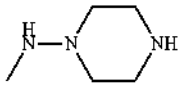
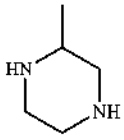
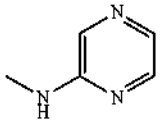
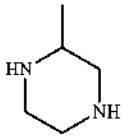
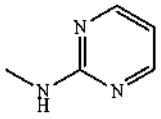
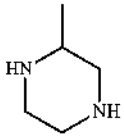
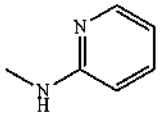
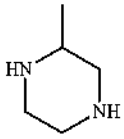
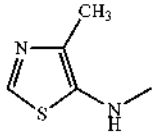
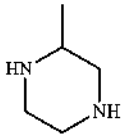
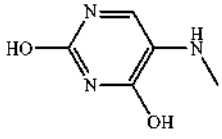
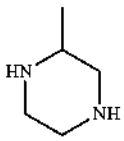
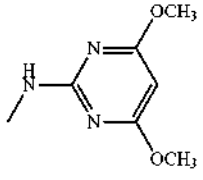
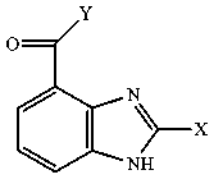
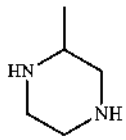
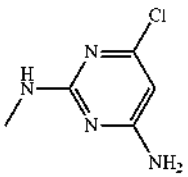
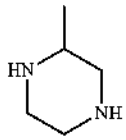
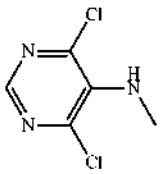
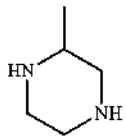
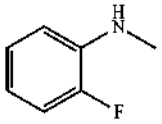
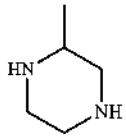
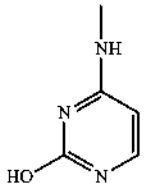
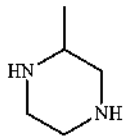
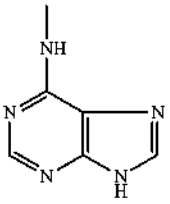
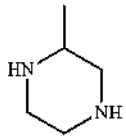
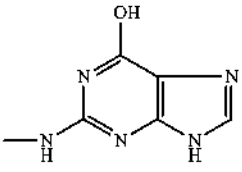
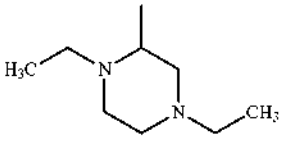
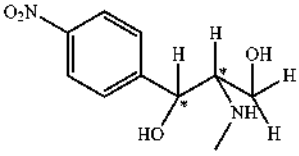
No.	Compounds	X	Y	Field %
284	2-(2-piperazinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			92
285	2-(2-piperazinyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			92
286	2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			92
287	2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			93
288	2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			92
289	2-(2-piperazinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			91
290	2-(2-piperazinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			87
291	2-(2-piperazinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			90

TABLE 2-continued



No.	Compounds	X	Y	Field %
292	2-(2-piperazinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			88
293	2-(2-piperazinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			93
294	2-(2-piperazinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			94
295	2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			89
296	2-(2-piperazinyl)-1H-benzimidazole-4-(N-6-purinyl)amide			90
297	2-(2-piperazinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			87
298	(L)-2-(N,N'-diethyl-2-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			90

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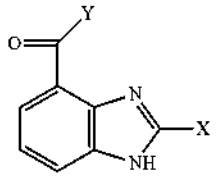
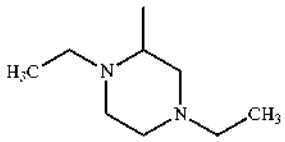
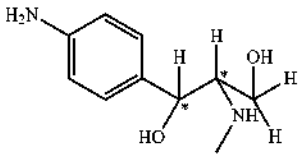
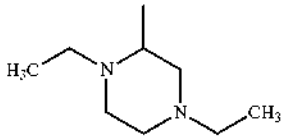
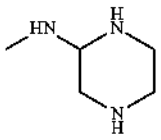
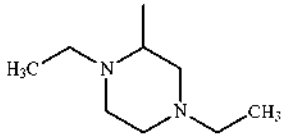
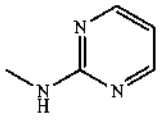
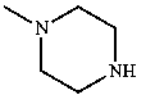
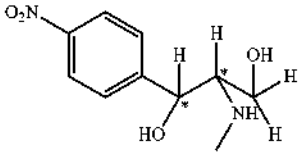
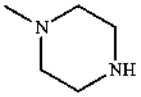
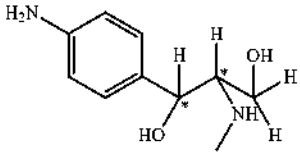
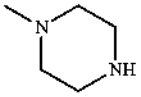
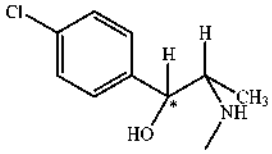
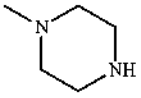
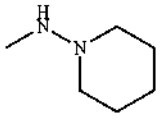
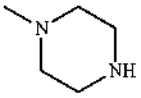
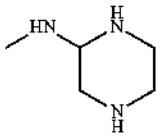
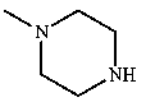
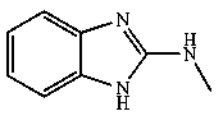


No.	Compounds	X	Y	Field %
299	(L)-2-(N,N'-diethyl-2-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			91
300	2-(N,N'-diethyl-2-piperazinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			90
301	2-(N,N'-diethyl-2-piperazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			91
302	(L)-2-(N-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			92
303	(L)-2-(N-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			91
304	2-(N-piperazinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			92
305	2-(N-piperazinyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			93
306	2-(N-piperazinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			91
307	2-(N-piperazinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			92

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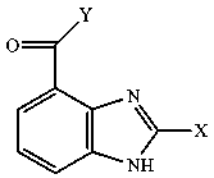


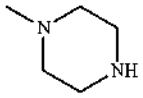
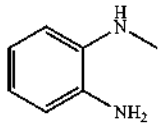
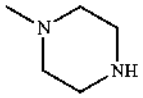
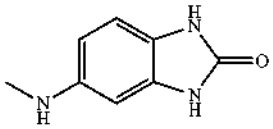
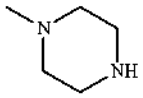
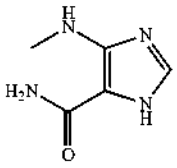
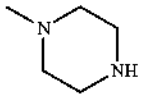
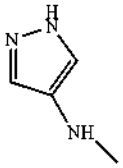
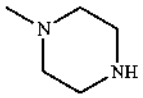
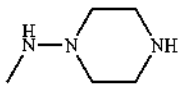
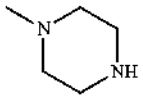
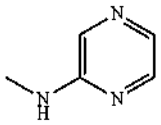
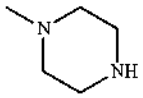
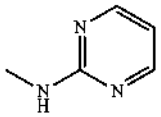
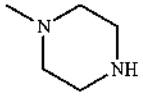
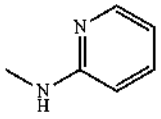
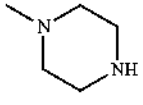
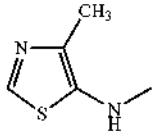
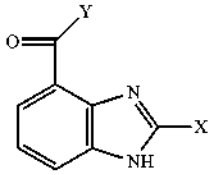
No.	Compounds	X	Y	Field %
308	2-(N-piperazinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			90
309	2-(N-piperazinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			91
310	2-(N-piperazinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			90
311	2-(N-piperazinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			93
312	2-(N-piperazinyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			91
313	2-(N-piperazinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			92
314	2-(N-piperazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			93
315	2-(N-piperazinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			94
316	2-(N-piperazinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			94

TABLE 2-continued



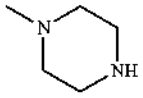
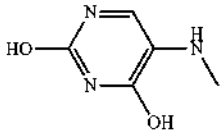
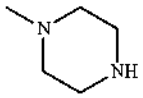
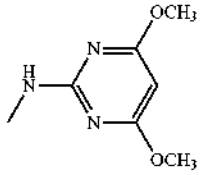
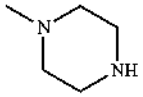
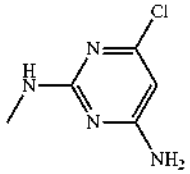
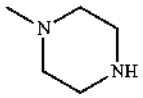
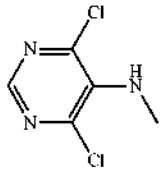
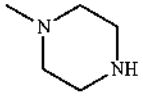
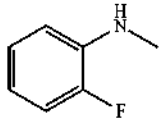
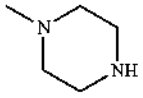
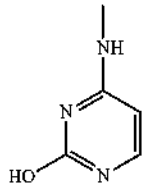
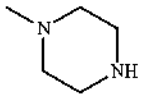
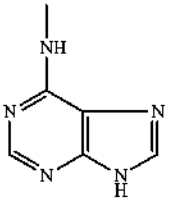
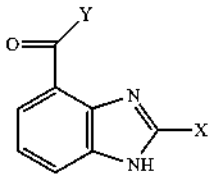
No.	Compounds	X	Y	Field %
317	2-(N-piperazinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			88
318	2-(N-piperazinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			90
319	2-(N-piperazinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			91
320	2-(N-piperazinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			93
321	2-(N-piperazinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			93
322	2-(N-piperazinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			88
323	2-(N-piperazinyl)-1H-benzimidazole-4-(N-6-purinyl)amide			89

TABLE 2-continued



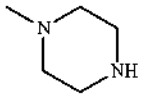
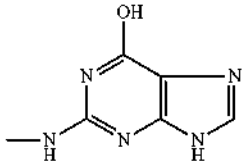
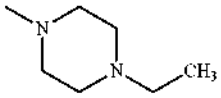
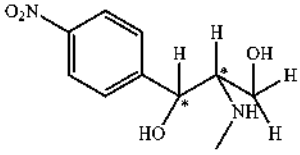
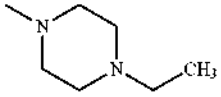
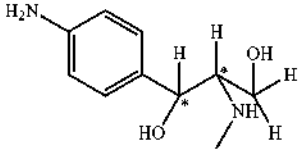
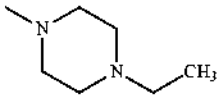
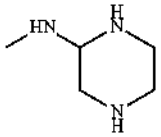
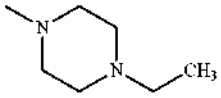
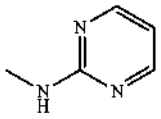
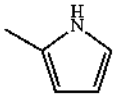
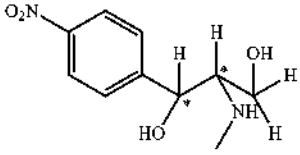
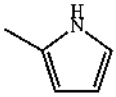
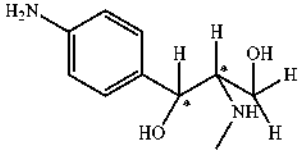
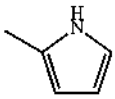
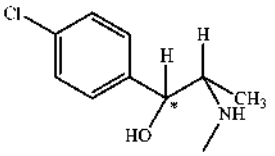
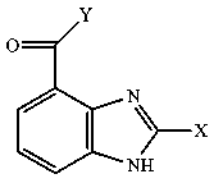
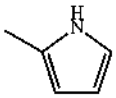
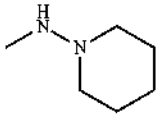
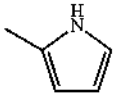
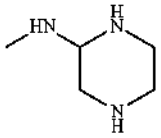
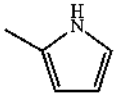
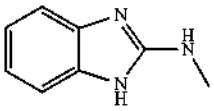
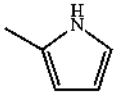
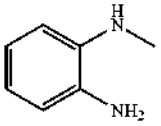
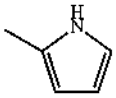
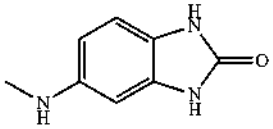
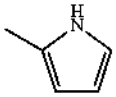
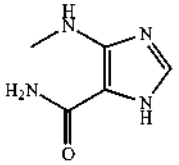
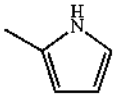
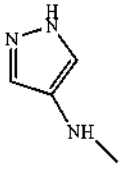
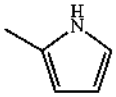
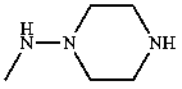
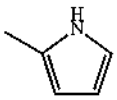
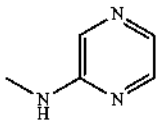
No.	Compounds	X	Y	Field %
324	2-(N-piperazinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			87
325	(L)-2-(N-ethyl-N'-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			92
326	(L)-2-(N-ethyl-N'-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			93
327	2-(N-ethyl-N'-piperazinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			92
328	2-(N-ethyl-N'-piperazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			93
329	(L)-2-(2-pyrrolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			92
330	(L)-2-(2-pyrrolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			91
331	2-(2-pyrrolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			92

TABLE 2-continued



No.	Compounds	X	Y	Field %
332	2-(2-pyrrolyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			93
333	2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			90
334	2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			93
335	2-(2-pyrrolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			90
336	2-(2-pyrrolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			91
337	2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			85
338	2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			90
339	2-(2-pyrrolyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			92
340	2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			95

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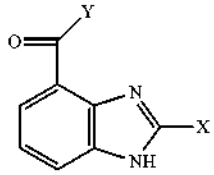


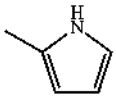
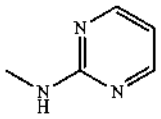
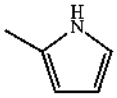
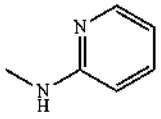
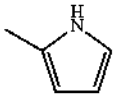
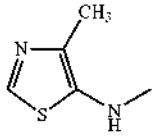
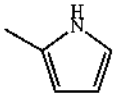
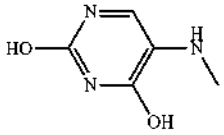
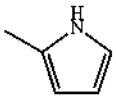
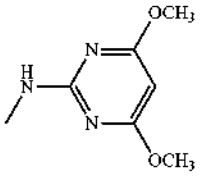
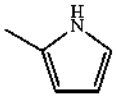
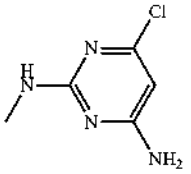
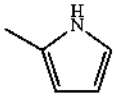
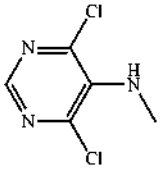
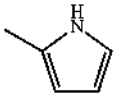
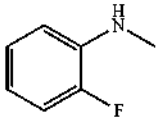
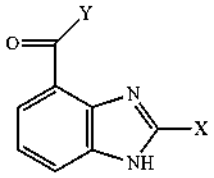
No. Compounds	X	Y	Field %
341 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			94
342 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			94
343 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			95
344 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			87
345 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			94
346 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			91
347 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			93
348 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			94

TABLE 2-continued



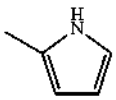
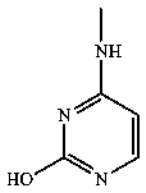
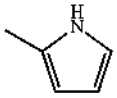
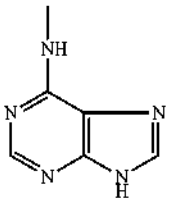
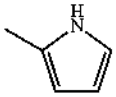
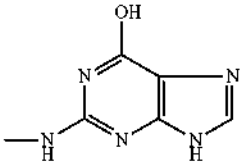
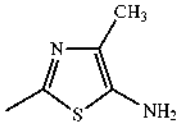
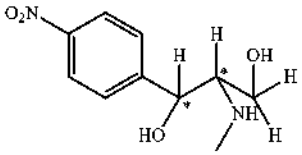
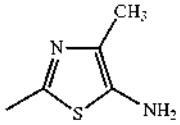
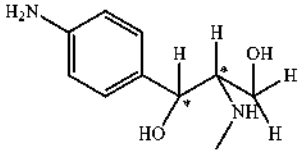
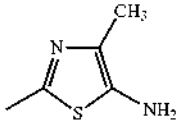
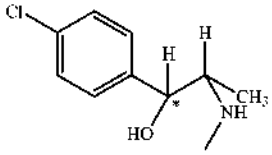
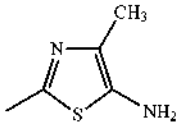
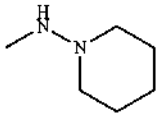
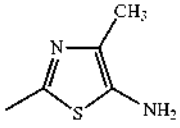
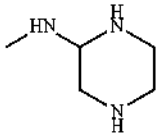
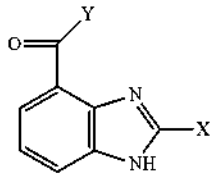
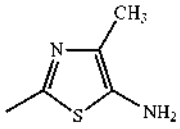
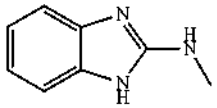
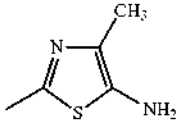
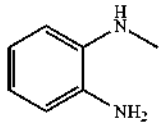
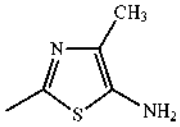
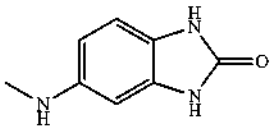
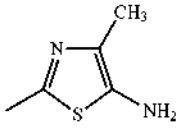
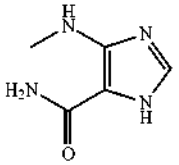
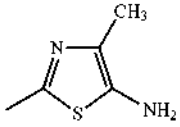
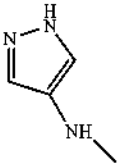
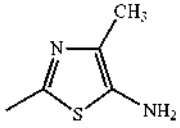
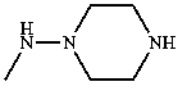
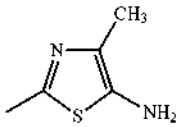
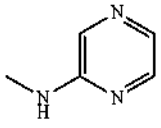
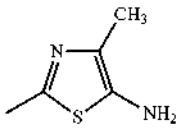
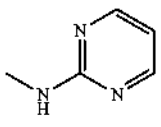
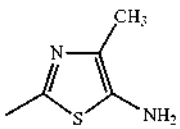
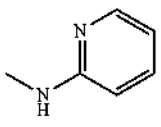
No.	Compounds	X	Y	Field %
349	2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			86
350	2-(2-pyrrolyl)-1H-benzimidazole-4-(N-6-purinyl)amide			92
351	2-(2-pyrrolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			87
352	(L)-2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			93
353	(L)-2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			91
354	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			93
355	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			94
356	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			90

TABLE 2-continued



No.	Compounds	X	Y	Field %
357	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			94
358	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			93
359	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			94
360	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			90
361	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			94
362	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			92
363	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			94
364	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			94
365	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			93

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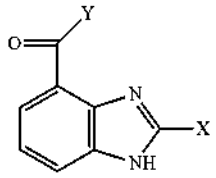


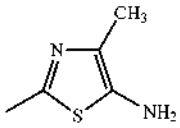
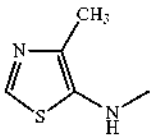
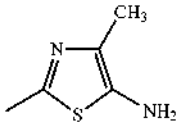
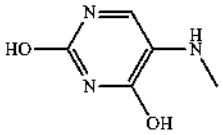
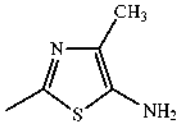
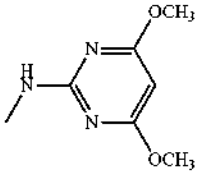
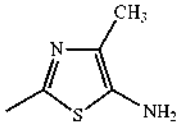
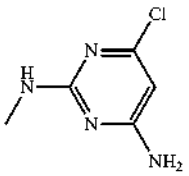
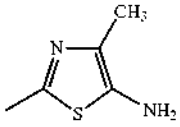
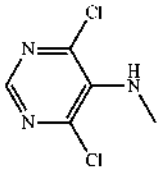
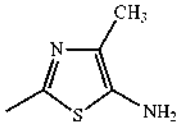
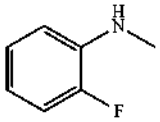
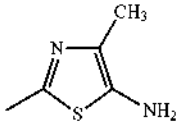
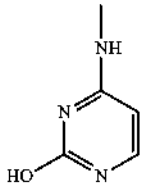
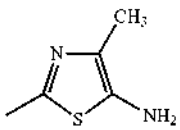
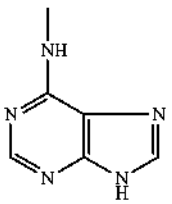
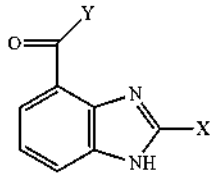
No.	Compounds	X	Y	Field %
366	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			90
367	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			91
368	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			93
369	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			93
370	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			88
371	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			89
372	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			87
373	2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-6-purinyl)amide			92

TABLE 2-continued



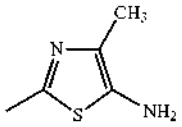
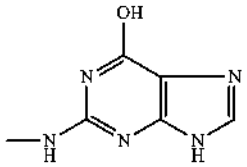
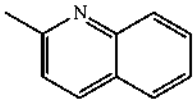
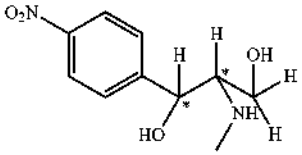
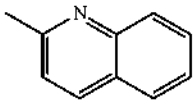
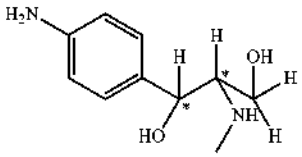
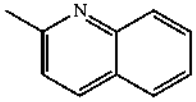
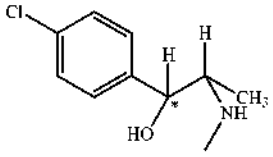
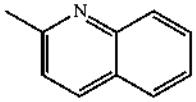
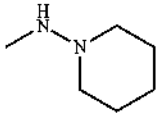
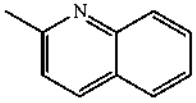
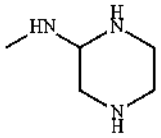
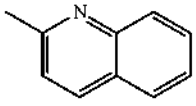
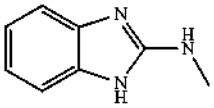
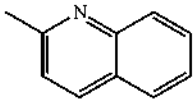
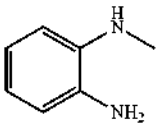
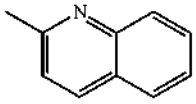
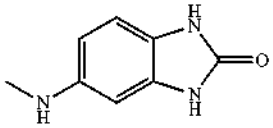
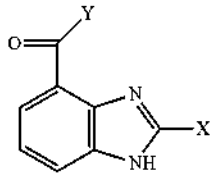
No. Compounds	X	Y	Field %
374 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			90
375 (L)-2-(2-quinolinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			91
376 (L)-2-(2-quinolinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			93
377 2-(2-quinolinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			93
378 2-(2-quinolinyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			94
379 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			90
380 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			93
381 2-(2-quinolinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			92
382 2-(2-quinolinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			91

TABLE 2-continued



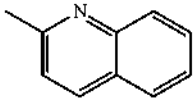
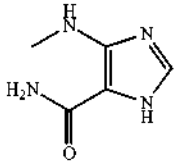
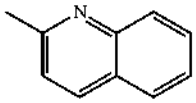
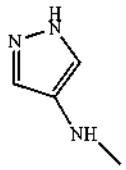
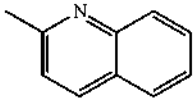
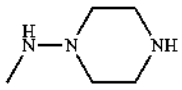
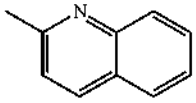
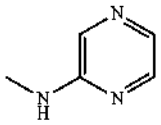
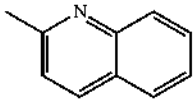
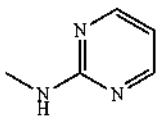
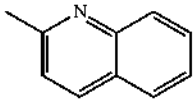
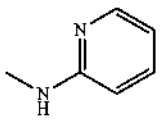
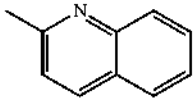
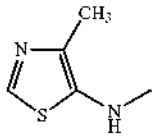
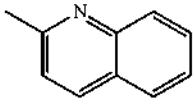
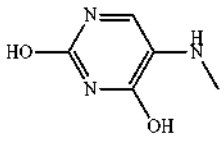
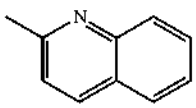
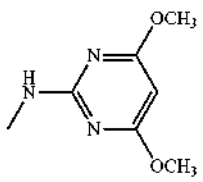
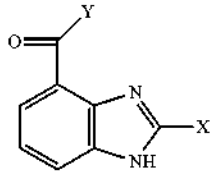
No.	Compounds	X	Y	Field %
383	2-(2-quinolinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			91
384	2-(2-quinolinyl)-IH-benzimidazole-4-(N-4'-pyrazolyl)amide			93
385	2-(2-quinolinyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			92
386	2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			93
387	2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			94
388	2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			92
389	2-(2-quinolinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			92
390	2-(2-quinolinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			87
391	2-(2-quinolinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			94

TABLE 2-continued



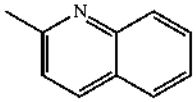
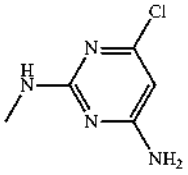
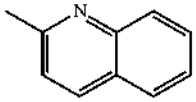
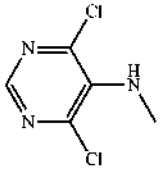
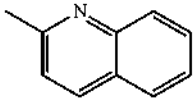
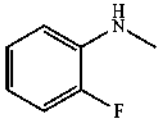
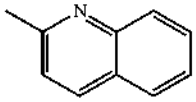
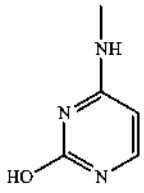
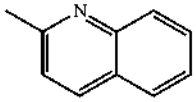
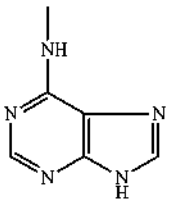
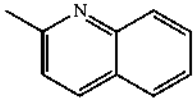
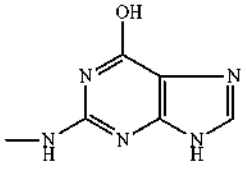
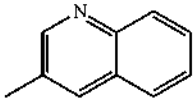
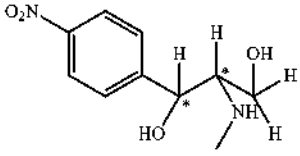
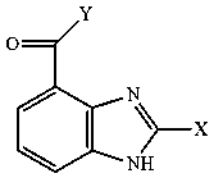
No.	Compounds	X	Y	Field %
392	2-(2-quinolinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			93
393	2-(2-quinolinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			93
394	2-(2-quinolinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			93
395	2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			88
396	2-(2-quinolinyl)-1H-benzimidazole-4-(N-6-purinyl)amide			90
397	2-(2-quinolinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			85
398	(L)-2-(3-quinolinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			93

TABLE 2-continued



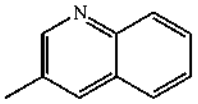
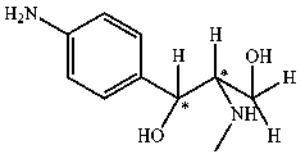
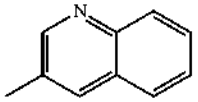
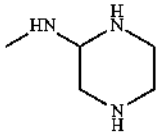
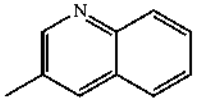
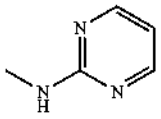
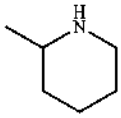
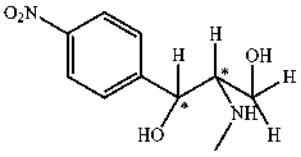
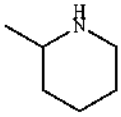
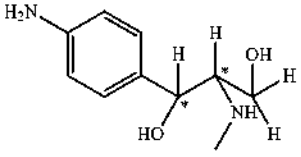
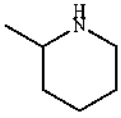
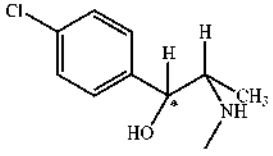
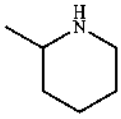
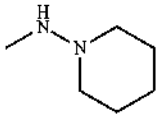
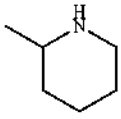
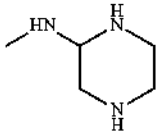
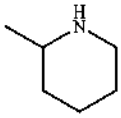
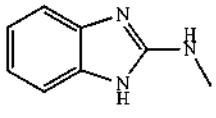
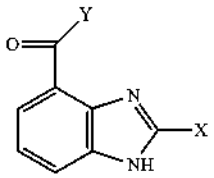
No.	Compounds	X	Y	Field %
399	(L)-2-(3-quinolinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			91
400	2-(3-quinolinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			93
401	2-(3-quinolinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			93
402	(L)-2-(2-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			91
403	(L)-2-(2-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			89
404	2-(2-piperidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			91
405	2-(2-piperidinyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			92
406	2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			90
407	2-(2-piperidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			93

TABLE 2-continued



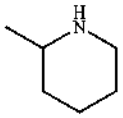
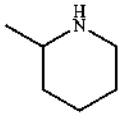
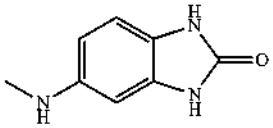
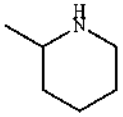
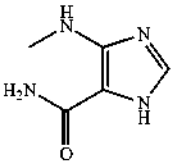
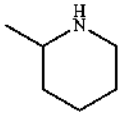
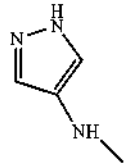
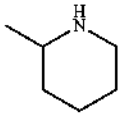
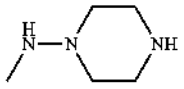
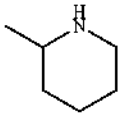
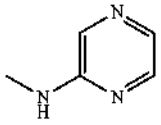
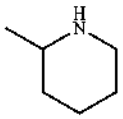
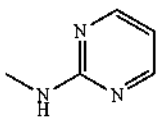
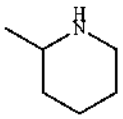
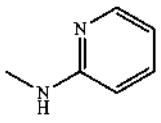
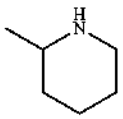
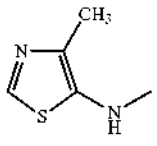
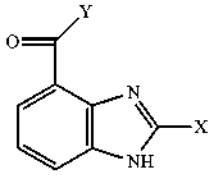
No. Compounds	X	Y	Field %
408 2-(2-piperidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			93
409 2-(2-piperidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			93
410 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			85
411 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			89
412 2-(2-piperidinyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			87
413 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			93
414 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			92
415 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			91
416 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			93

TABLE 2-continued



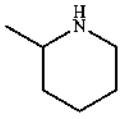
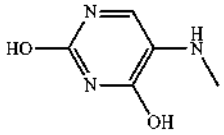
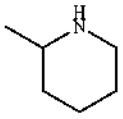
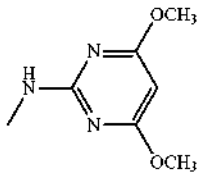
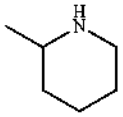
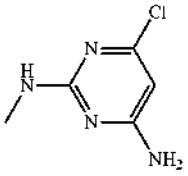
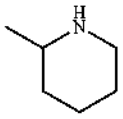
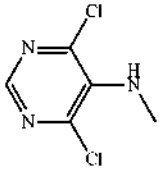
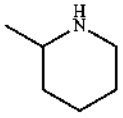
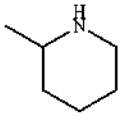
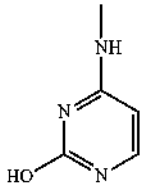
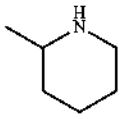
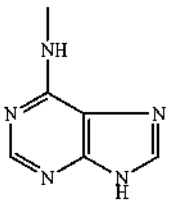
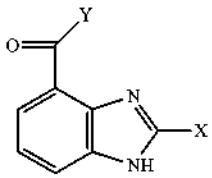
No.	Compounds	X	Y	Field %
417	2-(2-piperidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			88
418	2-(2-piperidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			93
419	2-(2-piperidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			89
420	2-(2-piperidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			93
421	2-(2-piperidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			92
422	2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			86
423	2-(2-piperidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide			91

TABLE 2-continued



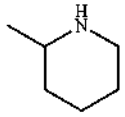
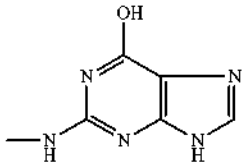
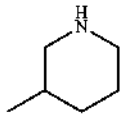
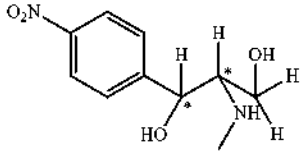
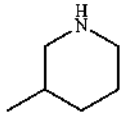
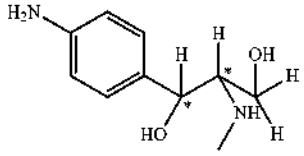
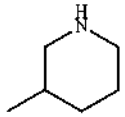
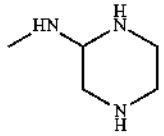
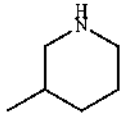
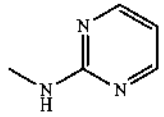
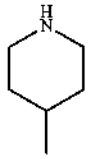
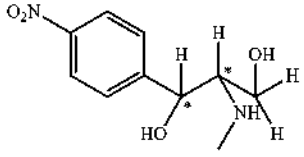
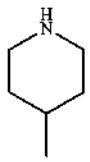
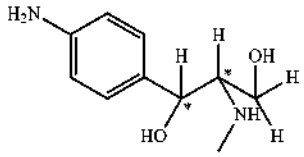
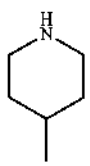
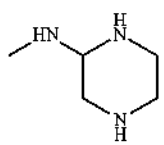
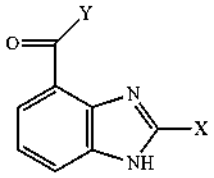
No.	Compounds	X	Y	Field %
424	2-(2-piperidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			89
425	(L)-2-(3-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			93
426	(L)-2-(3-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			90
427	2-(3-piperidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			90
428	2-(3-piperidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			94
429	(L)-2-(4-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			92
430	(L)-2-(4-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			90
431	2-(4-piperidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			91

TABLE 2-continued



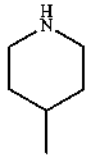
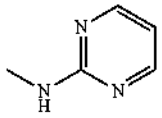
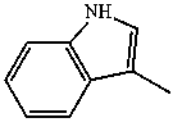
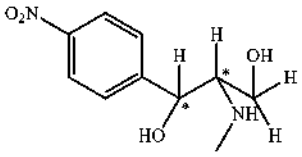
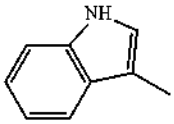
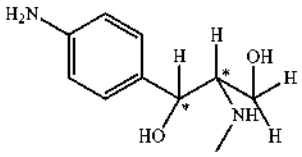
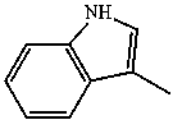
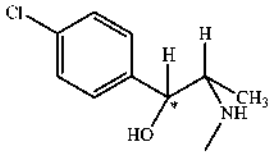
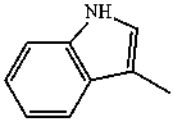
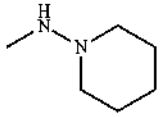
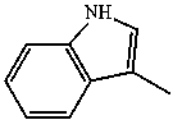
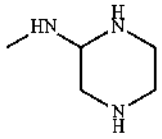
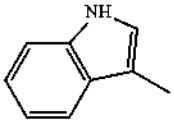
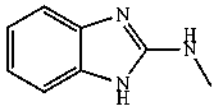
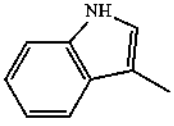
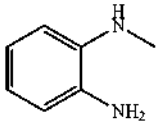
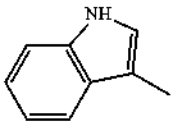
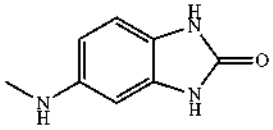
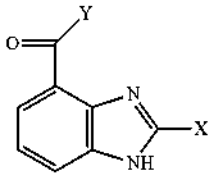
No.	Compounds	X	Y	Field %
432	2-(4-piperidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			93
433	(L)-2-(3-indolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			93
434	(L)-2-(3-indolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			88
435	2-(3-indolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			90
436	2-(3-indolyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			94
437	2-(3-indolyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			92
438	2-(3-indolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			90
439	2-(3-indolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			91
440	2-(3-indolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			93

TABLE 2-continued



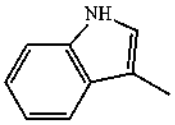
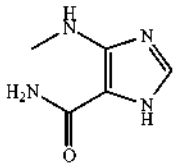
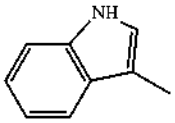
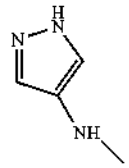
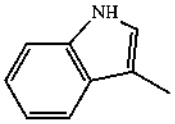
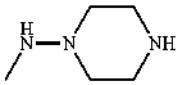
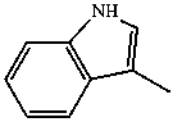
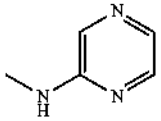
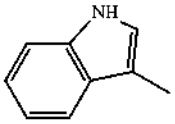
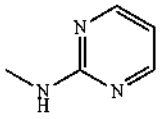
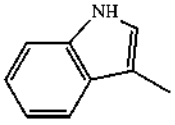
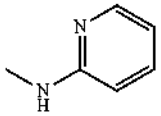
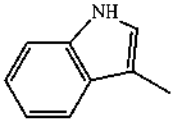
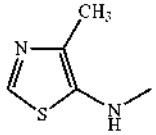
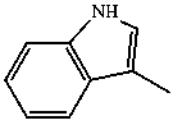
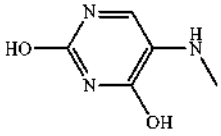
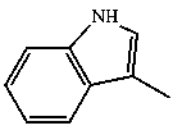
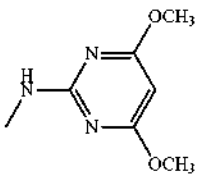
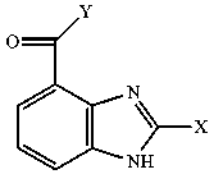
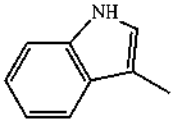
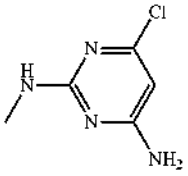
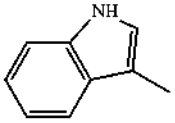
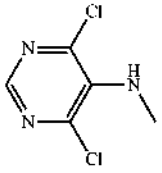
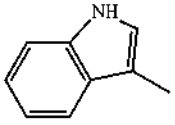
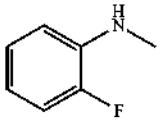
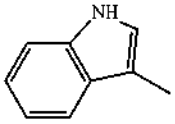
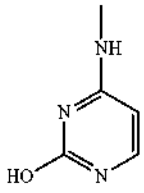
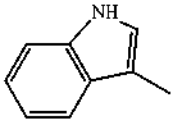
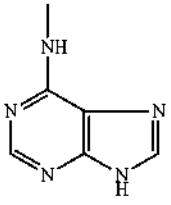
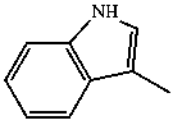
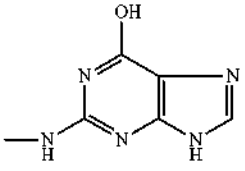
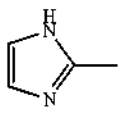
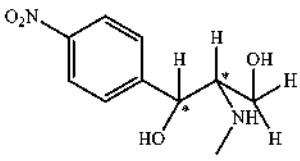
No.	Compounds	X	Y	Field %
441	2-(3-indolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			93
442	2-(3-indolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			88
443	2-(3-indolyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			89
444	2-(3-indolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			94
445	2-(3-indolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			92
446	2-(3-indolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			93
447	2-(3-indolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			91
448	2-(3-indolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			87
449	2-(3-indolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			93

TABLE 2-continued



No.	Compounds	X	Y	Field %
450	2-(3-indolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			88
451	2-(3-indolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			92
452	2-(3-indolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			94
453	2-(3-indolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			86
454	2-(3-indolyl)-1H-benzimidazole-4-(N-6-purinyl)amide			90
455	2-(3-indolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			86
456	(L)-2-(2'-imidazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			93

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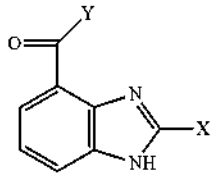
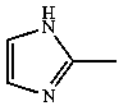
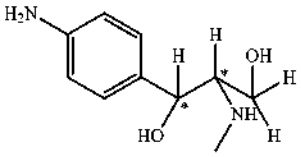
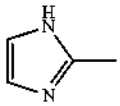
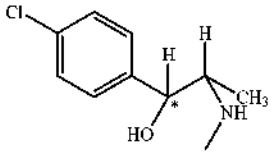
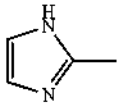
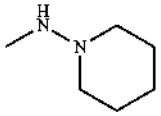
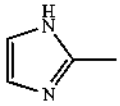
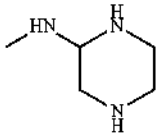
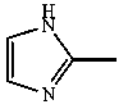
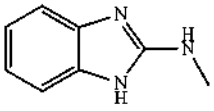
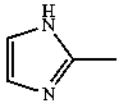
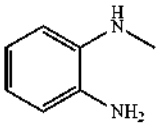
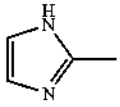
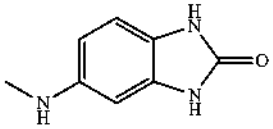
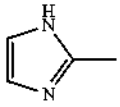
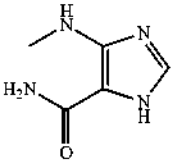
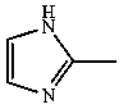
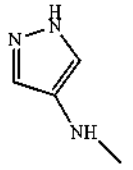


No. Compounds	X	Y	Field %
457 (L)-2-(2'-imidazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			93
458 2-(2'-imidazolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			88
459 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			93
460 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			90
461 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			94
462 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			86
463 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			90
464 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			86
465 2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			93

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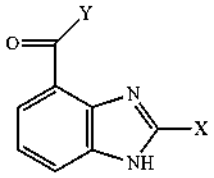


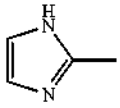
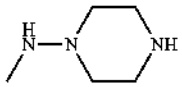
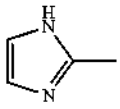
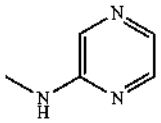
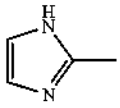
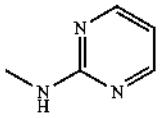
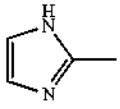
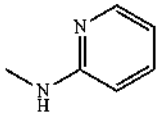
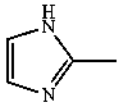
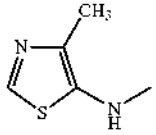
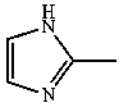
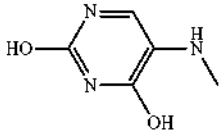
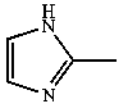
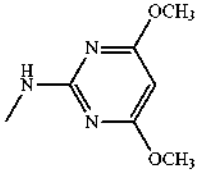
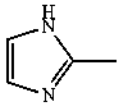
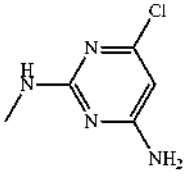
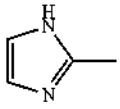
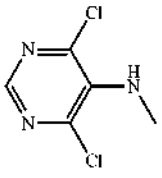
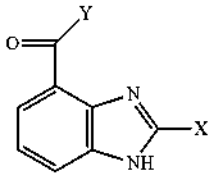
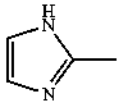
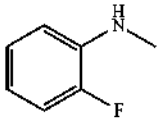
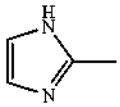
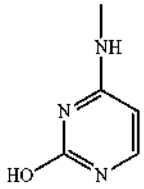
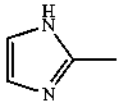
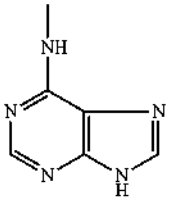
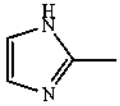
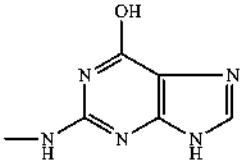
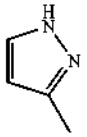
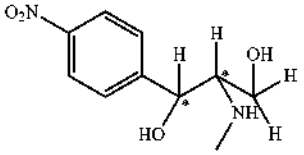
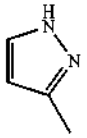
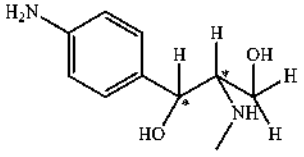
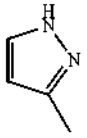
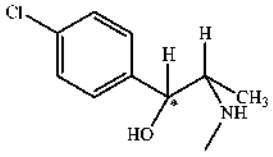
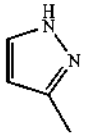
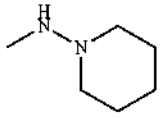
No.	Compounds	X	Y	Field %
466	2-(2'-imidazolyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			93
467	2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			94
468	2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			93
469	2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			90
470	2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			94
471	2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			86
472	2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			94
473	2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			86
474	2-(2'-imidazolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			93

TABLE 2-continued



No.	Compounds	X	Y	Field %
475	2-(2'-imidazolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			93
476	2-(2'-imidazolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			88
477	2-(2'-imidazolyl)-1H-benzimidazole-4-(N-6-purinyl)amide			93
478	2-(2'-imidazolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			87
479	(L)-2-(3-pyrazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitiophenylhydroxyethyl)]amide			94
480	(L)-2-(3-pyrazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			86
481	2-(3-pyrazolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			90
482	2-(3-pyrazolyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			94

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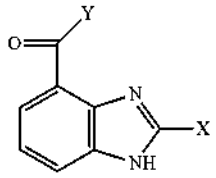
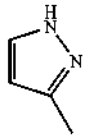
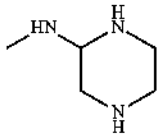
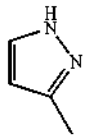
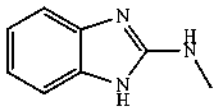
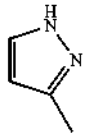
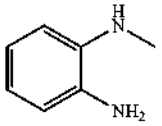
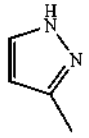
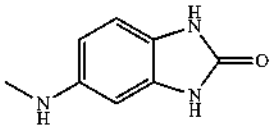
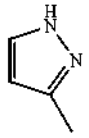
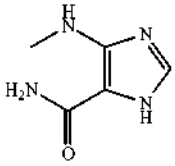
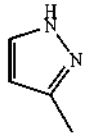
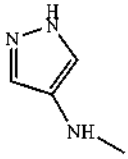
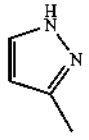
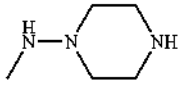
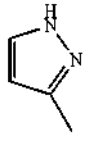
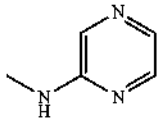
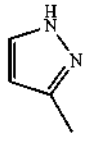
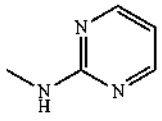


No.	Compounds	X	Y	Field %
483	2-(3-pyrazolyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			93
484	2-(3-pyrazolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			93
485	2-(3-pyrazolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			88
486	2-(3-pyrazolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			93
487	2-(3-pyrazolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			87
488	2-(3-pyrazolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			94
489	2-(3-pyrazolyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			86
490	2-(3-pyrazolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			90
491	2-(3-pyrazolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			86

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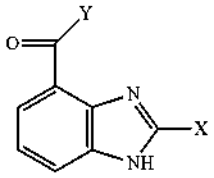
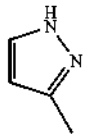
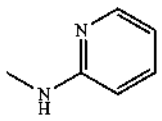
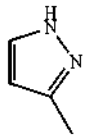
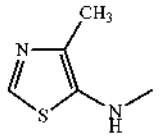
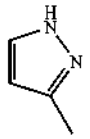
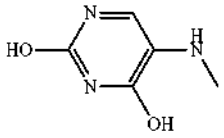
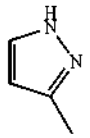
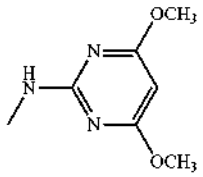
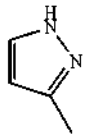
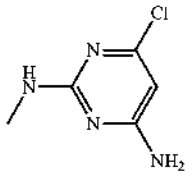
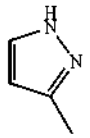
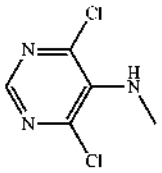
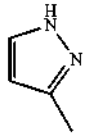
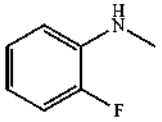
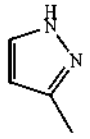
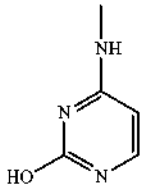


No. Compounds	X	Y	Field %
492 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			93
493 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			93
494 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			88
495 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			93
496 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			88
497 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			94
498 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			93
499 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			90

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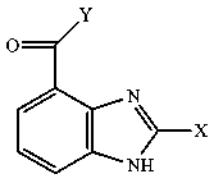
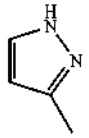
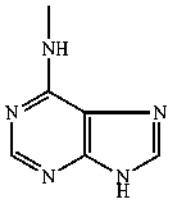
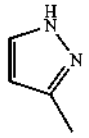
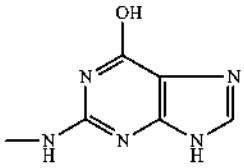
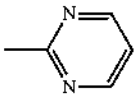
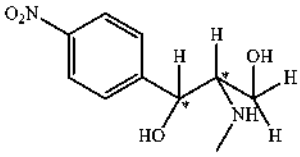
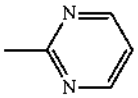
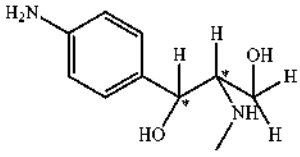
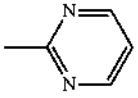
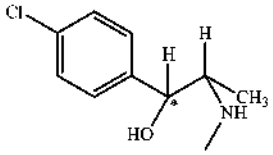
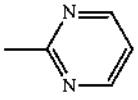
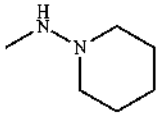
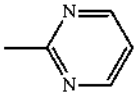
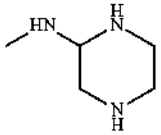
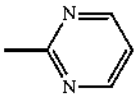
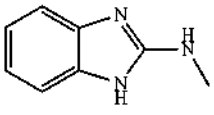


No.	Compounds	X	Y	Field %
500	2-(3-pyrazolyl)-1H-benzimidazole-4-(N-6-purinyl)amide			86
501	2-(3-pyrazolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			89
502	(L)-2-(2-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			93
503	(L)-2-(2-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl]amide			88
504	2-(2-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			93
505	2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			90
506	2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			94
507	2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			92

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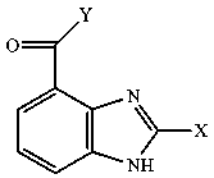


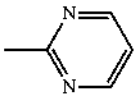
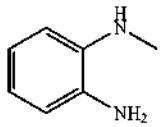
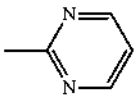
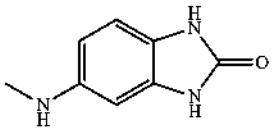
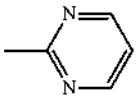
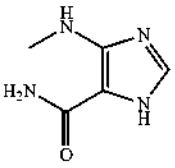
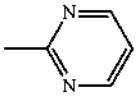
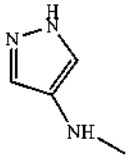
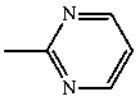
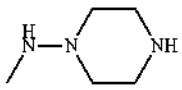
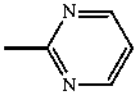
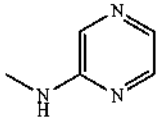
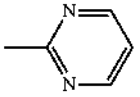
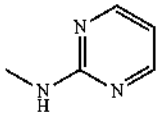
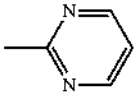
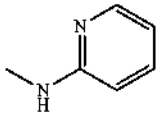
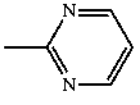
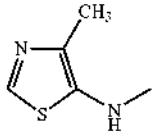
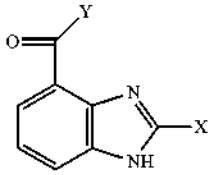
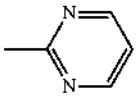
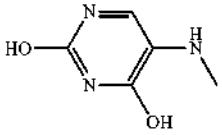
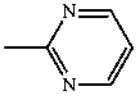
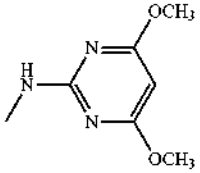
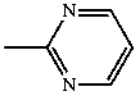
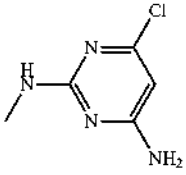
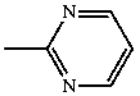
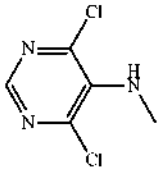
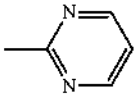
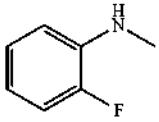
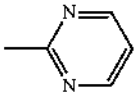
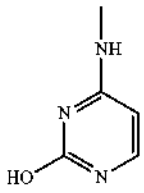
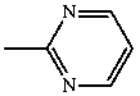
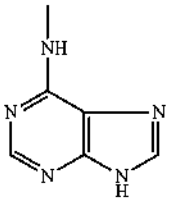
No. Compounds	X	Y	Field %
508 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			90
509 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			86
510 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			87
511 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			93
512 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			88
513 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			93
514 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			90
515 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			94
516 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			93

TABLE 2-continued



No.	Compounds	X	Y	Field %
517	2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			90
518	2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			86
519	2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			93
520	2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			93
521	2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			93
522	2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			88
523	2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide			90

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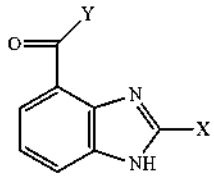
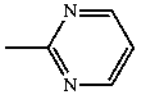
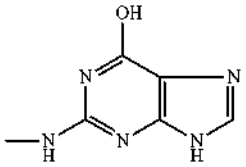
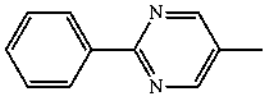
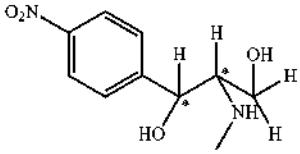
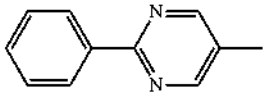
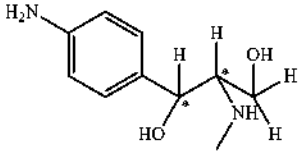
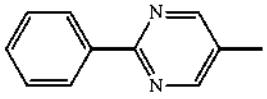
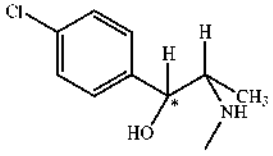
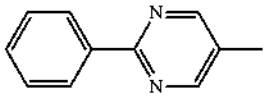
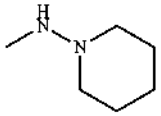
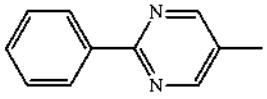
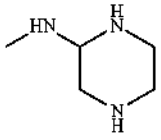
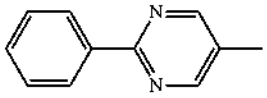
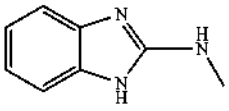
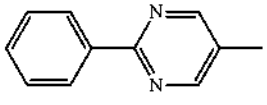
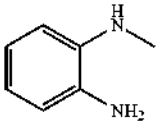
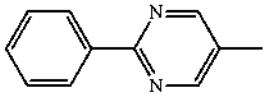
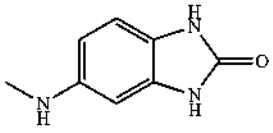


No. Compounds	X	Y	Field %
524 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			86
525 (L)-2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			90
526 (L)-2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl]amide			90
527 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			86
528 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			93
529 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			93
530 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			88
531 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			93
532 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			90

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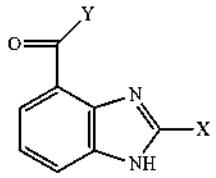
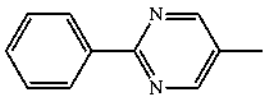
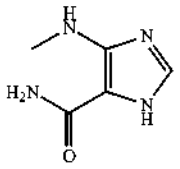
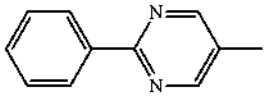
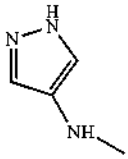
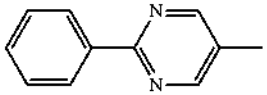
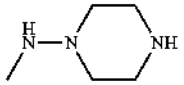
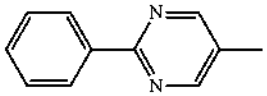
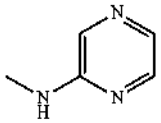
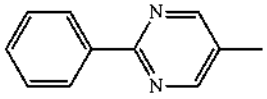
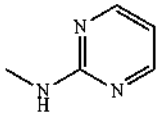
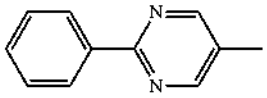
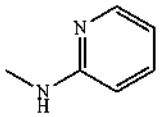
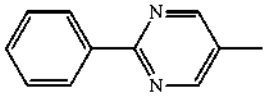
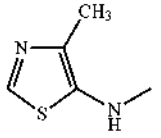
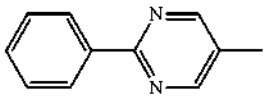
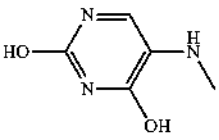
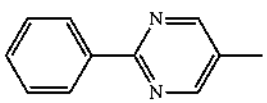
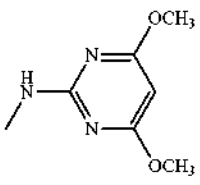


No.	Compounds	X	Y	Field %
533	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			94
534	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			90
535	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-(N'-piperazinyl)amide			90
536	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			86
537	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			93
538	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			93
539	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			88
540	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			93
541	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			90

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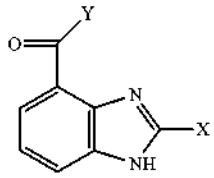


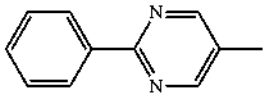
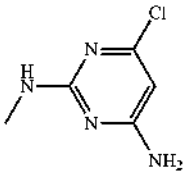
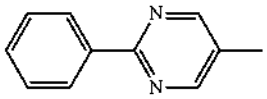
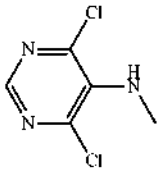
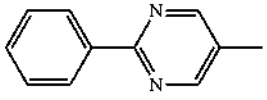
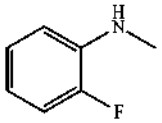
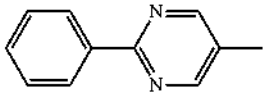
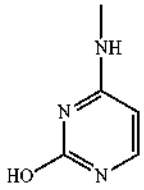
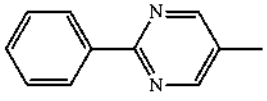
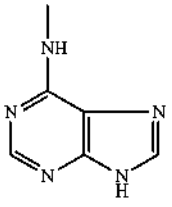
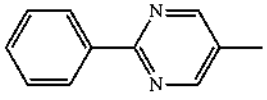
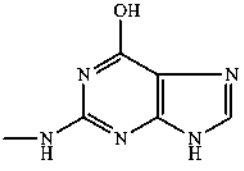
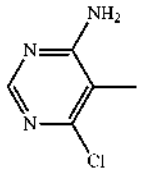
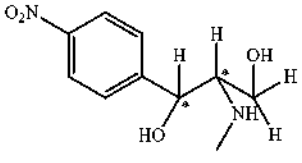
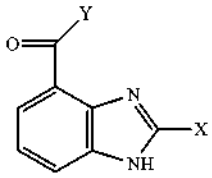
No.	Compounds	X	Y	Field %
542	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			94
543	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			94
544	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			90
545	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			86
546	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide			93
547	2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			93
548	(L)-2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			88

TABLE 2-continued



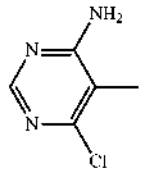
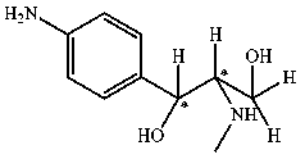
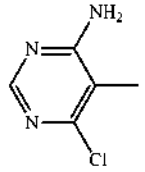
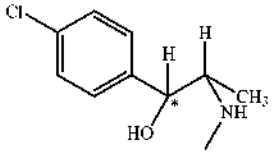
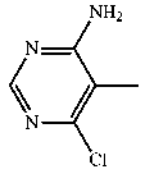
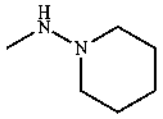
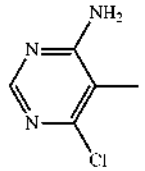
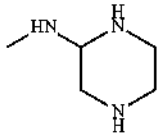
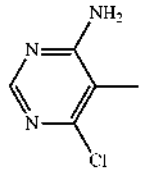
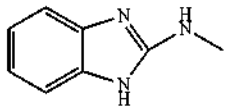
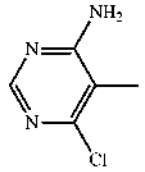
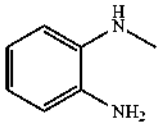
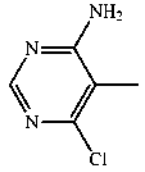
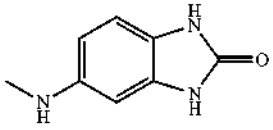
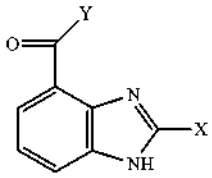
No.	Compounds	X	Y	Field %
549	(L)-2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			93
550	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			90
551	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			94
552	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			86
553	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			90
554	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			86
555	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			93

TABLE 2-continued



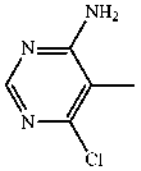
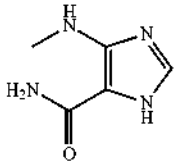
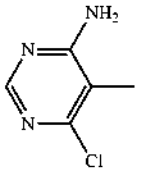
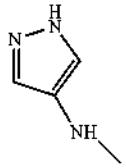
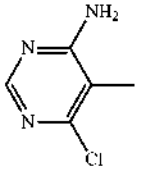
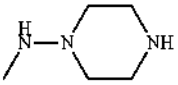
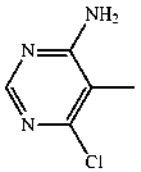
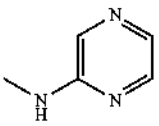
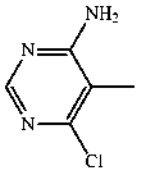
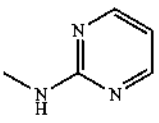
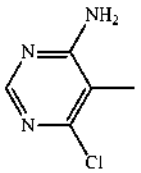
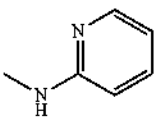
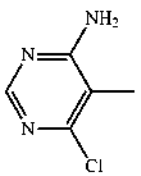
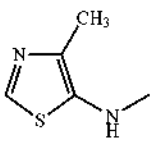
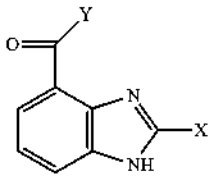
No.	Compounds	X	Y	Field %
556	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			86
557	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			88
558	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			93
559	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			90
560	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			90
561	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			86
562	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			90

TABLE 2-continued



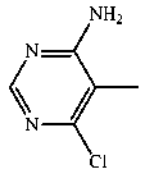
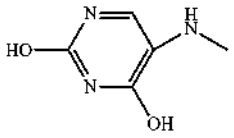
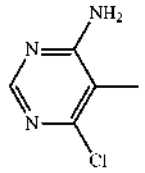
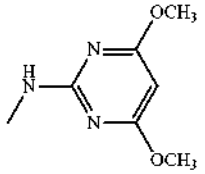
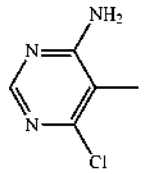
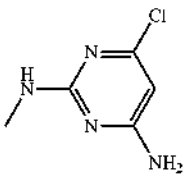
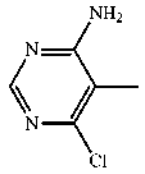
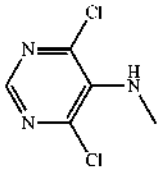
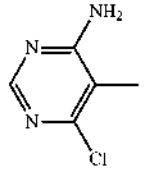
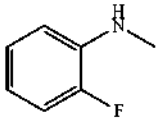
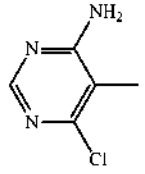
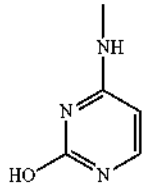
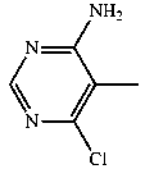
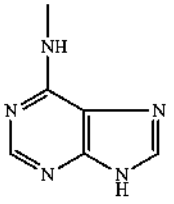
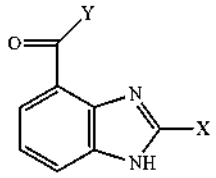
No.	Compounds	X	Y	Field %
563	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			86
564	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			90
565	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			90
566	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			88
567	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			93
568	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			90
569	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide			91

TABLE 2-continued



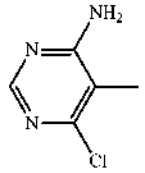
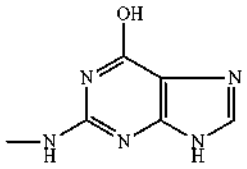
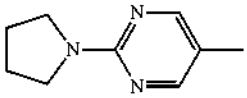
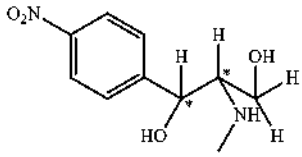
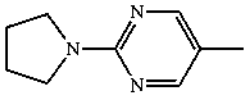
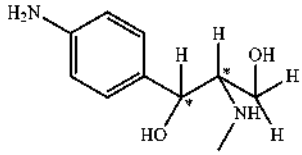
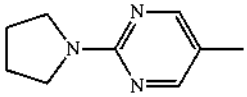
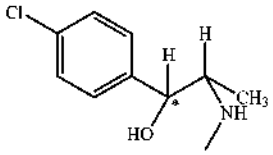
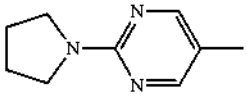
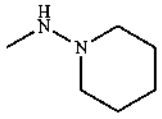
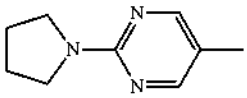
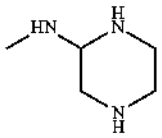
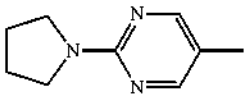
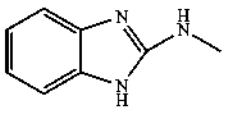
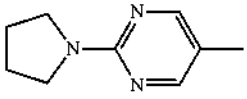
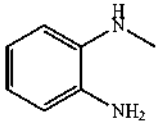
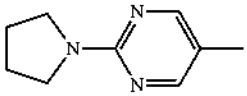
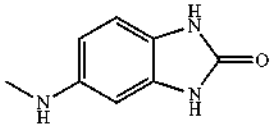
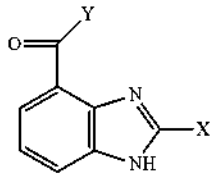
No.	Compounds	X	Y	Field %
570	2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			93
571	(L)-2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			94
572	(L)-2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			90
573	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			94
574	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			92
575	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			94
576	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			94
577	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			93
578	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			90

TABLE 2-continued



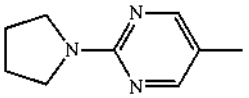
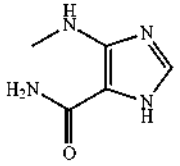
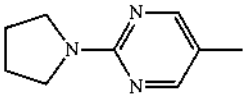
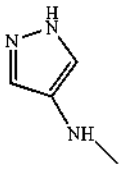
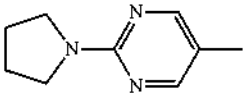
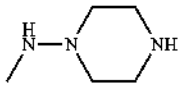
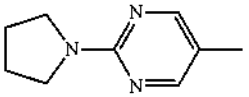
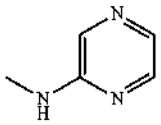
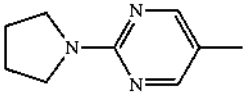
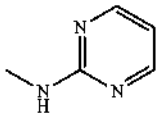
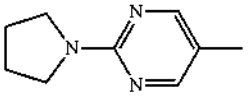
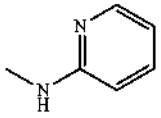
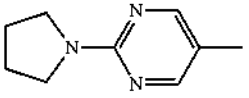
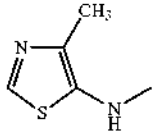
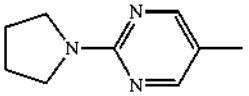
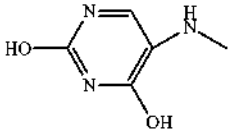
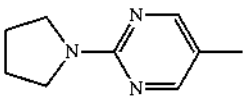
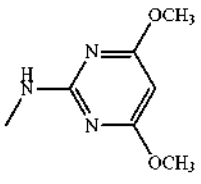
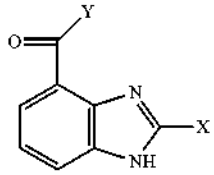
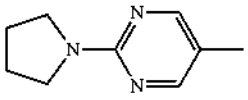
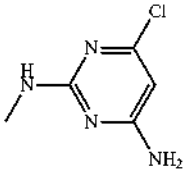
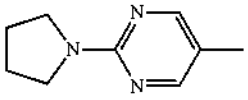
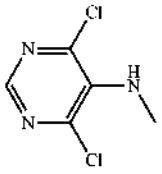
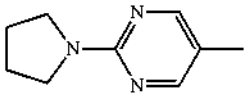
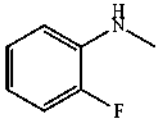
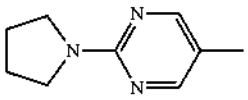
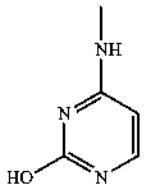
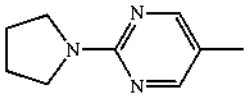
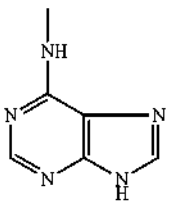
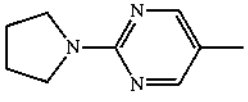
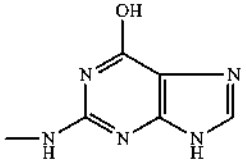
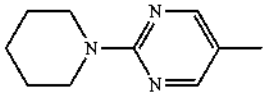
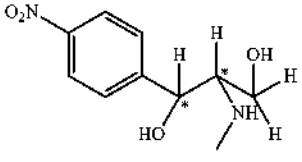
No.	Compounds	X	Y	Field %
579	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			85
580	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			93
581	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			93
582	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			88
583	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			89
584	2-(2-pyrrolidine-l-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			87
585	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			92
586	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			90
587	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			91

TABLE 2-continued



No.	Compounds	X	Y	Field %
588	2-{ 2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			93
589	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			93
590	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			94
591	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			90
592	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide			93
593	2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			92
594	(L)-2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			91

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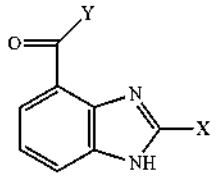


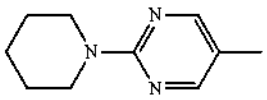
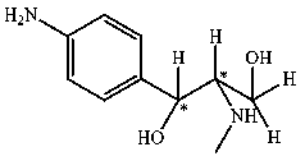
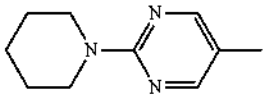
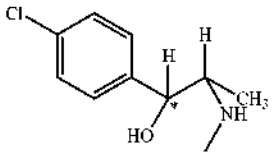
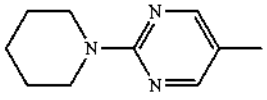
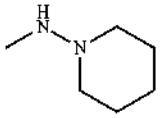
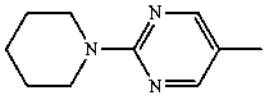
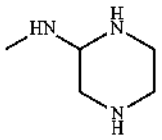
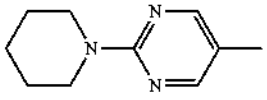
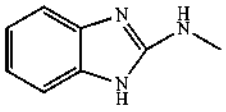
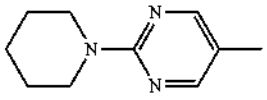
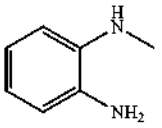
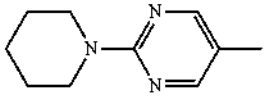
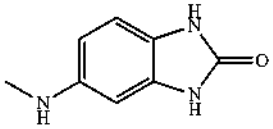
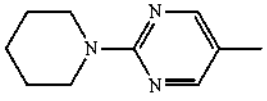
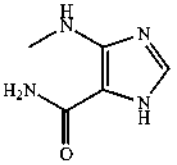
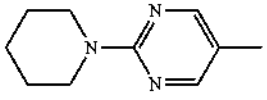
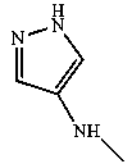
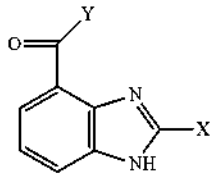
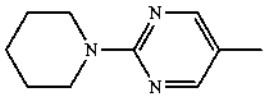
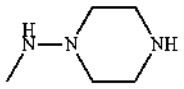
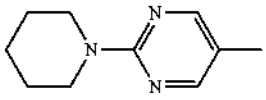
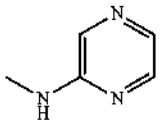
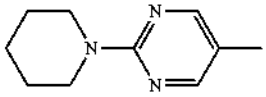
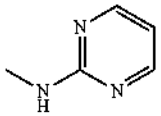
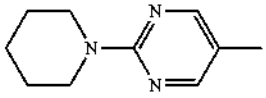
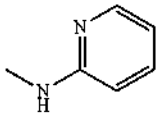
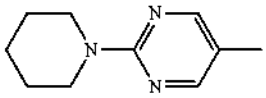
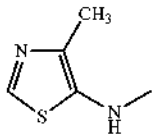
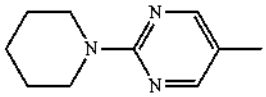
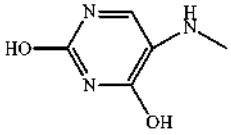
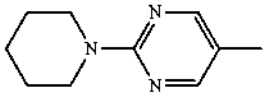
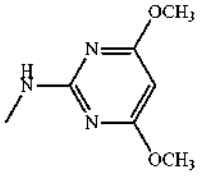
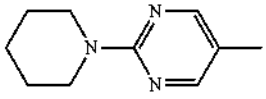
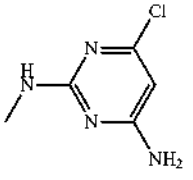
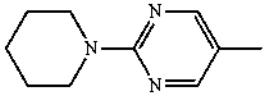
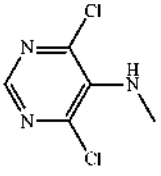
No.	Compounds	X	Y	Field %
595	(L)-2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			91
596	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			93
597	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			92
598	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			93
599	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			94
600	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			92
601	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			92
602	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			85
603	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			94

TABLE 2-continued



No.	Compounds	X	Y	Field %
604	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-(N'-piperazinyl)amide			90
605	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			94
606	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			92
607	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			94
608	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			94
609	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			93
610	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			90
611	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			91
612	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			93

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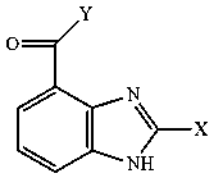
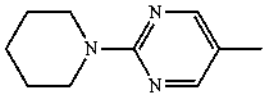
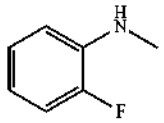
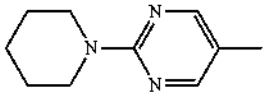
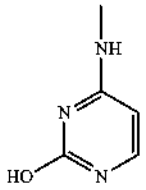
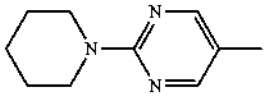
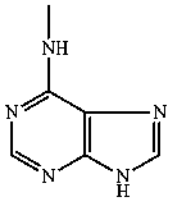
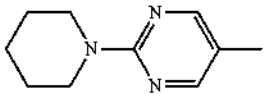
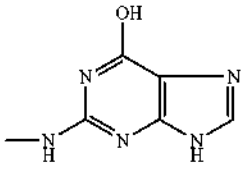
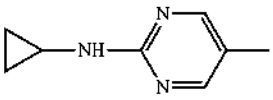
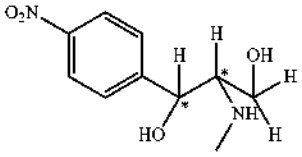
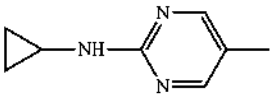
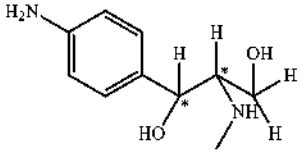
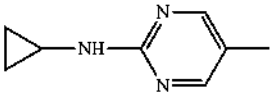
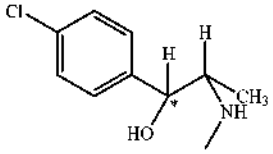
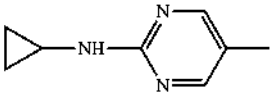
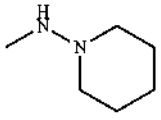


No.	Compounds	X	Y	Field %
613	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			93
614	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			88
615	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide			89
616	2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			87
617	(L)-2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			92
618	(L)-2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			90
619	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			91
620	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			93

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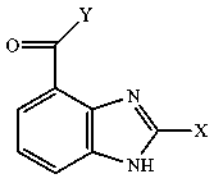
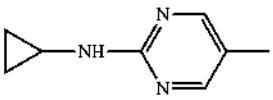
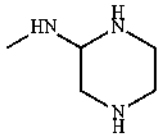
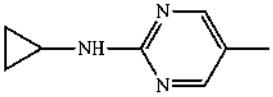
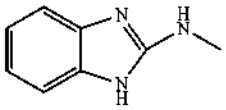
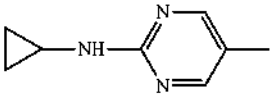
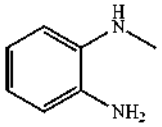
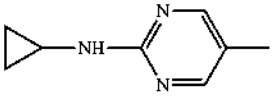
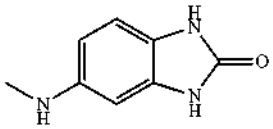
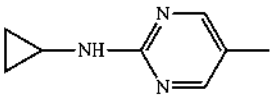
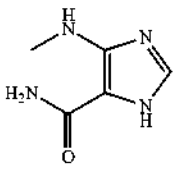
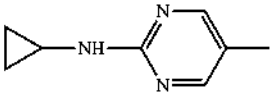
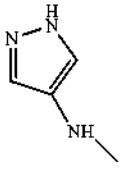
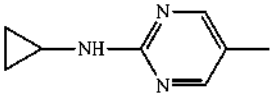
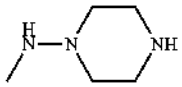
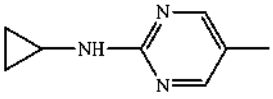
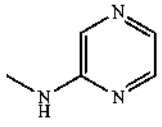
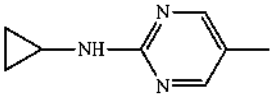
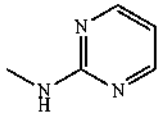


No.	Compounds	X	Y	Field %
621	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			93
622	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			94
623	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			90
624	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			93
625	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			92
626	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			91
627	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			91
628	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			93
629	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			92

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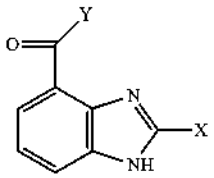
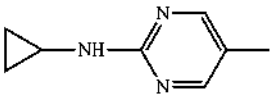
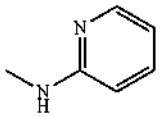
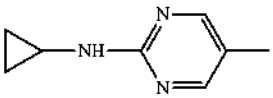
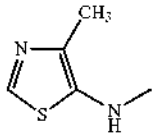
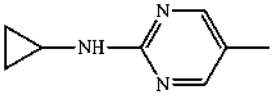
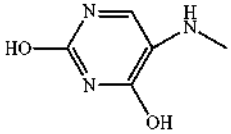
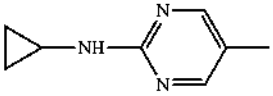
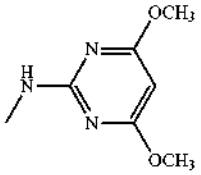
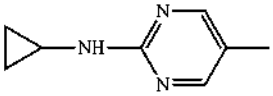
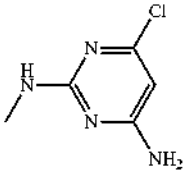
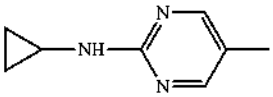
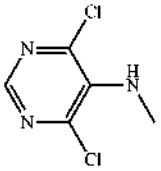
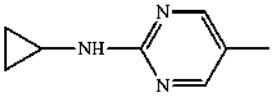
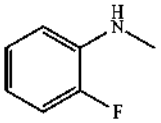
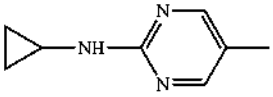
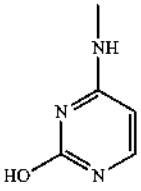


No.	Compounds	X	Y	Field %
630	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			93
631	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			94
632	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			92
633	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			92
634	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			93
635	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			94
636	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			90
637	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			94

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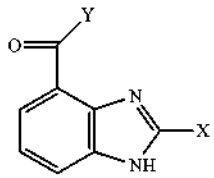


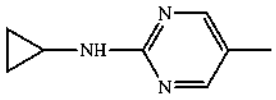
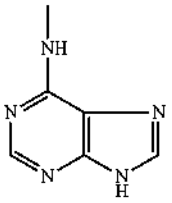
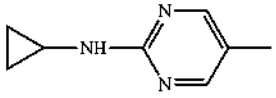
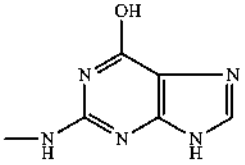
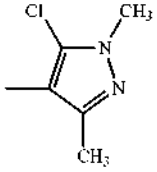
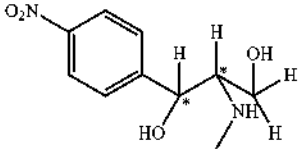
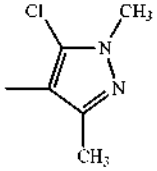
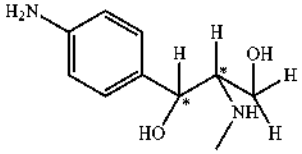
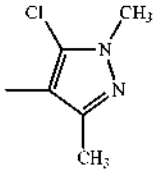
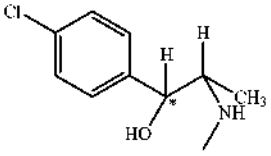
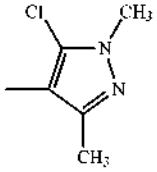
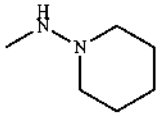
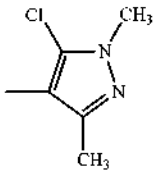
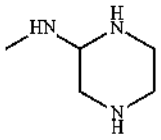
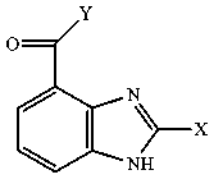
No.	Compounds	X	Y	Field %
638	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide			92
639	2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			94
640	(L)-2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide			94
641	(L)-2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			93
642	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			90
643	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide			91
644	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide			93

TABLE 2-continued



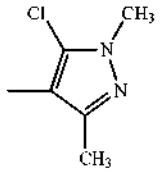
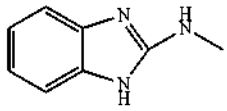
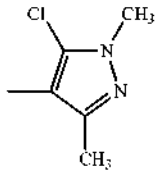
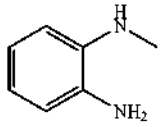
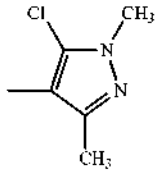
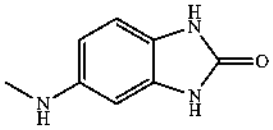
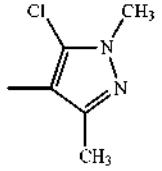
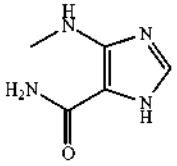
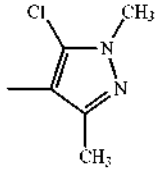
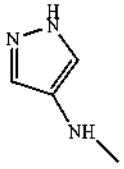
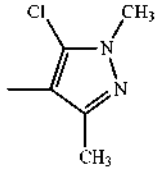
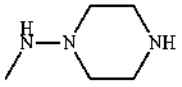
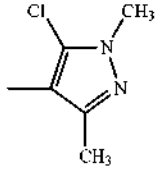
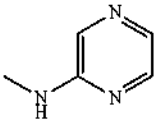
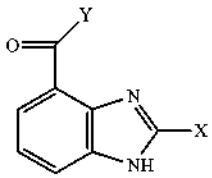
No.	Compounds	X	Y	Field %
645	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			93
646	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide			88
647	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			89
648	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			87
649	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			92
650	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			90
651	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide			91

TABLE 2-continued



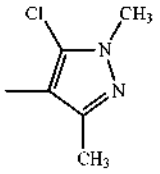
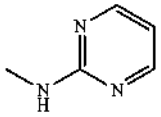
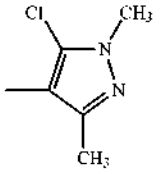
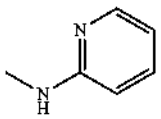
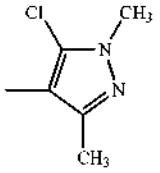
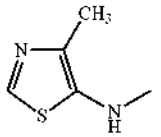
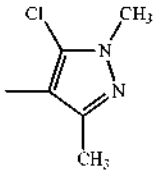
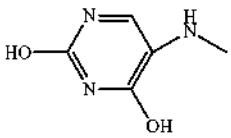
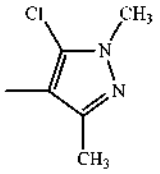
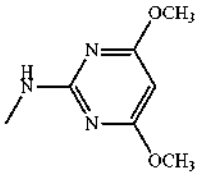
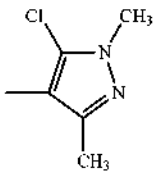
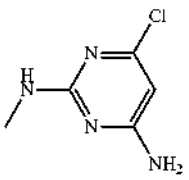
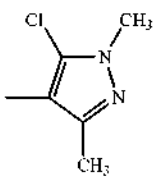
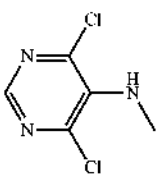
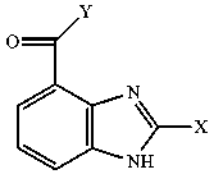
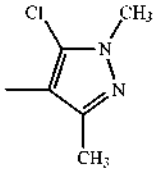
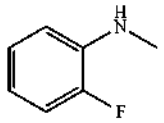
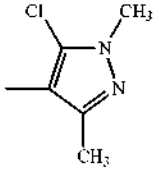
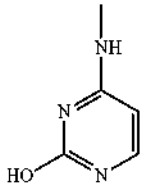
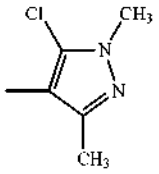
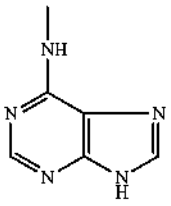
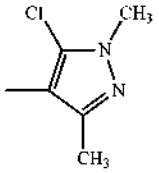
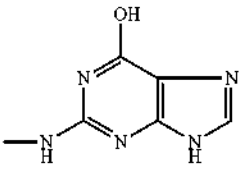
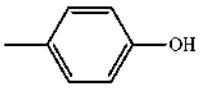
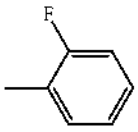
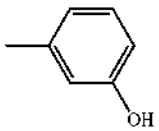
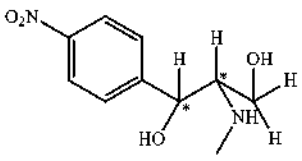
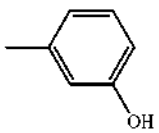
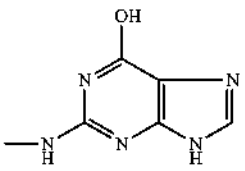
No.	Compounds	X	Y	Field %
652	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			93
653	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide			93
654	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			94
655	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			90
656	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			93
657	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			92
658	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			91

TABLE 2-continued



No.	Compounds	X	Y	Field %
659	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			91
660	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			93
661	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-6-purinyl)amide			92
662	2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-6-hydroxy]-2-purinyl)amide			93
663	2-(4-hydroxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			94
664	(L)-2-(3-hydroxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			92
665	2-(3-hydroxyphenyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide			92

Structure Identification of Product (refer to FIGS. **3-6**):

(23) 2-(2-pyridyl)-1H-benzimidazole-4-N-hydroxyethylamide

^{1}HNMR (DMSO, 400 MHz) δ: 3.64-3.67(t,1H), 3.73-3.75 (m,2H), 4.39-4.42(t,2H), 7.32-7.36(t,1H), 7.38-7.40(t,1H), 7.73-7.75(d,1H), 7.80-7.81(d,1H), 7.85-7.86(t,1H), 8.38-8.40(d,1H), 8.59-8.61(d,1H);

(24) 2-(2-pyridyl)-1H-benzimidazole-4-N-o-hydroxyphenylcarboxylamide

^{1}HNMR (DMSO, 400 MHz) δ: 5.35(s,1H), 7.13(s,1H), 7.15-7.16(d,2H), 7.34-7.36(t,3H), 7.37-7.39(t,1H), 7.83-7.84 (d,1H), 7.85-7.86(t,1H), 7.91-7.92(d,1H), 8.11-8.12(d,1H), 8.38-8.40(d,1H), 8.59-8.61(d,1H);

(25) 2-(2-hydroxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.35(s,1H), 6.59-6.61(d, 1H), 6.63-6.64(t,1H), 6.95-6.97(t,1H), 6.99-7.00(d,1H), 7.01-7.02(d,1H), 7.07-7.09(t,1H), 7.24-7.25(t,1H), 7.37-7.39 (t,1H), 7.62-7.63(d,1H), 7.83-7.84(d,1H), 7.91-7.92(d,1H);

(26) (L)-2-(2-hydroxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 5.35(s,1H), 7.01-7.02(d,1H), 7.07-7.09 (t,1H), 7.24-7.25(d,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.66-7.67(d,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(27) 2-(5-nitro-2-thienyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.46(t,1H), 7.70-7.72 (d,1H), 7.89-7.91(d,1H), 7.93-7.95(d,1H), 8.30-8.33(d,1H), 8.57-8.60(d,1H), 11.53(s,1H);

(28) 2-(5-nitro-2-thienyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide (Refer to FIG. **3**)

^{1}HNMR(DMSO, 400 MHz)δ:7.13-7.19(m,1H),7.23-7.27 (t,1H),7.36-7.41(t,1H),7.50-7.54(m,2H), 7.85-7.87(d,1H), 7.94-7.95(d,1H), 8.05-8.07(d,1H), 8.57-8.61(t,1H), 12.19-12.20(d,1H), 14.25(s,1H);

(29) 2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.33(s,1H), 5.35(s,1H), 5.38(s,1H), 6.59-6.61(d,1H), 6.63-6.64(t,1H), 6.71(s,2H), 6.95-6.97(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.90-7.91 (d,1H), 7.93-7.94(d,1H);

(30) 2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-(N-hydroxyethyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.33(s,1H), 5.35(s,1H), 5.38(s,1H), 2.84-2.88(m,2H), 3.59-3.62(m,2H), 3.65-3.67(t, 1H), 6.71(s,2H), 7.43-7.45(t,1H), 7.89-7.90 (d,1H), 7.93-7.94(d,1H);

(31) 2-(2-piperidinyl)-1H-benzimidazole-4-(4-N'-ethyl-N-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.02-1.05(t,3H), 1.43-1.44 (m,1H), 1.45-1.47(m,1H), 1.49-1.52(m,1H), 1.55-1.57(m, 1H), 1.67-1.69(m1H), 1.91-1.94(m,1H), 2.38-2.40(m,2H), 2.50-2.52(t,4H), 2.65-2.67(t,4H), 2.69-2.72(m,1H), 2.79-2.81(m,1H), 4.02-4.04(m,1H), 7.43-7.45(t,1H), 7.90-7.91(d, 1H), 7.93-7.94(d,1H);

(32) 2-(2-pyridyl)-1H-benzimidazole-4-(4-N'-ethyl-N-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.02-1.05(t,3H), 2.38-2.40 (m,2H), 2.50-2.52(t,4H), 2.65-2.67(t,4H), 7.36-7.38(t,H), 7.43-7.45(t,1H), 7.85-7.86(t,1H), 7.90-7.91(d,1H), 7.93-7.94 (d,1H), 8.38-8.39(d,1H), 8.59-8.61(d,1H);

(33) (L)-2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.17-3.18(m,1H), 3.19-3.20(d, 1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 5.13-5.15(t,1H), 5.20-5.23 (t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(34) (L)-2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.17-3.18(m,1H), 3.19-3.20(d, 1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 5.13-5.15(t,1H), 5.20-5.23 (t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(35) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 1.70(s, 1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d, 1H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 5.13-5.15(t,1H), 5.20-5.23(t,1H), 7.29-7.30(d,2H), 7.40-7.41 (d,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(36) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t, 4H), 3.10-3.15(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t,1H), 5.20-5.23(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94 (d,1H);

(37) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 1.91-1.93(m,2H), 2.00-2.06(t,4H), 2.62-2.63(m, 1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.19-3.20(d,1H), 3.99-

4.01(m,1H), 5.13-5.15(t,1H), 5.20-5.23(t,1H), 7.43-7.45(t, 1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(38) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t, 1H), 5.20-5.23(t,1H), 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(39) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t, 1H), 5.20-5.23(t,1H), 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58 (t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(40) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t, 1H), 5.20-5.23(t,1H), 6.35-6.37(d,1H), 6.93(s,1H), 7.43-7.45 (t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(41) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t, 1H), 5.20-5.23(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 13.00-13.03 (d,1H);

(42) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t, 1H), 5.20-5.23(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75 (d,1H);

(43) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 1.91-1.95(m,1H), 2.00-2.06(t,4H), 2.65-2.67(t, 4H), 2.80-2.83(m,4H), 3.19-3.20(d,1H), 5.13-5.15(t,1H), 5.20-5.23(t,1H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94 (d,1H);

(44) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t, 1H), 5.20-5.23(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d, 1H);

(45) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t, 1H), 5.20-5.23(t,1H), 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H);

(46) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t, 1H), 5.20-5.23(t,1H), 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94 (d,1H), 8.07-8.09(d,1H);

(47) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 2.45(s,3H), 3.19-3.20(d,1H), 5.13-5.15(t,1H), 5.20-5.23(t,1H), 7.43-7.45(t,1H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H), 8.12(s,1H);

(48) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t, 1H), 5.20-5.23(t,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H), 8.33(s,1H), 11.53(s,1H);

(49) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 3.82(s,6H), 5.13-5.15(t,1H), 5.20-5.23(t,1H), 5.71(s,1H), 7.43-7.45(t, 1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(50) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t, 1H), 5.20-5.23(t,1H), 5.98(s,1H), 7.43-7.45(t,1H), 7.74(s, 2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(51) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t, 1H), 5.20-5.23(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s,1H);

(52) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t, 1H), 5.20-5.23(t,1H), 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H);

(53) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t,

1H), 5.20-5.23(t,1H), 5.46-5.48(d,1H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d, 1H);

(54) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t, 1H), 5.20-5.23(t,1H), 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H);

(55) 2-(2,6-dimethyl-2,6-octadienyl)-1H-benzimidazole-4-(N-6-hydroxy-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.70(s,1H), 1.82(s,1H), 1.85(s,1H), 2.00-2.06(t,4H), 3.19-3.20(d,1H), 5.13-5.15(t, 1H), 5.20-5.23(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H);

(56) (L)-2-(2-thienyl)-1H-benzimidzzole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 7.17-7.19(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.90(d, 1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(57) (L)-2-(2-thienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13 (d,2H), 7.17-7.19(t,1H), 7.43-7.45(t,1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(58) 2-(2-thienyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28 (m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 7.17-7.19(t,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d, 1H);

(59) 2-(2-thienyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 7.17-7.19(t,1H), 7.43-7.45(t, 1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(60) 2-(2-thienyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m, 1H), 7.17-7.19(t,1H), 7.43-7.45(t,1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(61) 2-(2-thienyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.12-7.15(d,2H), 7.17-7.19 (t,1H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(62) 2-(2-thienyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.27(s,2H), 6.38-6.40(d, 1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.17-7.19(t,1H), 7.43-7.45(t,1H), 7.69-7.71(d,1H), 7.85-7.87 (d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(63) 2-(2-thienyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.35-6.37(d,1H), 6.93(s, 1H), 7.17-7.19(t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(64) 2-(2-thienyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.17-7.19(t,1H), 7.43-7.45 (t,1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 13.00-13.03 (d,1H);

(65) 2-(2-thienyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.17-7.19(t,1H), 7.43-7.45 (t,1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75 (d,1H);

(66) 2-(2-thienyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 7.17-7.19(t,1H), 7.43-7.45(t, 1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H);

(67) 2-(2-thienyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.17-7.19(t,1H), 7.43-7.45 (t,1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d, 1H);

(68) 2-(2-thienyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.93-6.95(t,1H), 7.17-7.19 (t,1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H);

(69) 2-(2-thienyl)-1H-benzimidazole-4-(N-2-pyridyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.62-6.64(t,1H), 6.70-6.72 (d,1H), 7.17-7.19(t,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H);

(70) 2-(2-thienyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 7.17-7.19(t, 1H), 7.43-7.45(t,1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H);

(71) 2-(2-thienyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.17-7.19(t,1H), 7.43-7.45 (t,1H), 7.69-7.71(d,1H), 7.82(s,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.33(s,1H), 11.53(s,1H);

(72) 2-(2-thienyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.82(s,6H), 5.71(s,1H), 7.17-7.19(t,1H), 7.43-7.45(t,1H), 7.69-7.71(d,1H), 7.85-7.87 (d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(73) 2-(2-thienyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.98(s,1H), 7.17-7.19(t, 1H), 7.43-7.45(t,1H), 7.69-7.71(d,1H), 7.74(s,2H), 7.85-7.87 (d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(74) 2-(2-thienyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.17-7.19(t,1H), 7.43-7.45 (t,1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s,1H);

(75) 2-(2-thienyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.60-6.61(d,1H), 6.63-6.65 (t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.17-7.19(t,1H), 7.43-7.45(t,1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(76) 2-(2-thienyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.46-5.48(d,1H), 7.10-7.11 (d,1H), 7.17-7.19(t,1H), 7.43-7.45(t,1H), 7.69-7.71(d,1H), 7.82(s,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d, 1H);

(77) 2-(2-thienyl)-1H-benzimidazole-4-(N-6-purinyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.17-7.19(t,1H), 7.43-7.45 (t,1H), 7.69-7.71(d,1H), 7.85-7.86(d,1H), 7.87-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H);

(78) 2-(2-thienyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.17-7.19(t,1H), 7.43-7.45 (t,1H), 7.69-7.71(d,1H), 7.85-7.87(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H);

(79) (L)-2-(4-methoxypyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 3.83(s,3H), 4.73-4.77(t,1H), 7.31(s,1H), 7.43-7.45(t, 1H), 7.59-7.61(d,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H), 8.49-8.51(d,1H);

(80) (L)-2-(4-methoxypyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 3.83(s,3H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d, 2H), 7.11-7.13(d,2H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61 (d,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.49-8.51(d,1H);

(81) 2-(4-methoxypyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28 (m,1H), 3.65-3.68(t,1H), 3.83(s,3H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.31(s,1H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.49-8.51(d,1H);

(82) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 3.83(s,3H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d, 1H), 8.49-8.51(d,1H);

(83) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.83(s,3H), 3.99-4.01(m,1H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d, 1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.49-8.51(d,1H);

(84) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 7.12-7.15(d, 2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.49-8.51(d,1H);

(85) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-

7.04(t,1H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.49-8.51(d,1H);

(86) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 6.35-6.37(d,1H), 6.93(s,1H), 7.31(s,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.49-8.51(d,1H);

(87) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 8.49-8.51(d,1H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(88) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.49-8.51(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75(d,1H);

(89) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 3.83(s,3H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 8.49-8.51(d,1H);

(90) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H), 8.49-8.51(d,1H);

(91) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 6.93-6.95(t,1H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H), 8.49-8.51(d,1H);

(92) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.31(s,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H), 8.49-8.51(d,1H);

(93) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 3.83(s,3H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H), 8.49-8.51(d,1H);

(94) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.33(s,1H), 8.49-8.51(d,1H), 11.53(s,1H);

(95) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.82(s,6H), 3.85(s,3H), 5.71(s,1H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.49-8.51(d,1H);

(96) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.98(s,1H), 7.31(s,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.49-8.51(d,1H);

(97) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.49-8.51(d,1H), 9.34(s,1H);

(98) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.49-8.51(d,1H);

(99) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.46-5.48(d,1H), 7.10-7.11(d,1H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.49-8.51(d,1H);

(100) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H), 8.49-8.51(d,1H);

(101) 2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 7.31(s,1H), 7.43-7.45(t,1H), 7.59-7.61(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.49-8.51(d,1H), 8.57-8.59(d,1H), 11.53(s,1H);

(102) (L)-2-(6-methoxypyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxy-ethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 3.80(s,1H), 4.73-4.77(t,1H), 6.50-6.52(d,1H), 7.38-7.40

(d,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.72-7.74(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(103) (L)-2-(6-methoxypyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxy-ethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 3.80(s,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.50-6.52(d,1H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(104) 2-(6-methoxypyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 3.80(s,1H), 4.73-4.77(t,1H), 6.50-6.52(d,1H), 7.29-7.30(d,2H), 7.38-7.39(d,1H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.72-7.74(t,1H), 7.93-7.94(d,1H);

(105) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 3.80(s,1H), 6.50-6.52(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(106) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.80(s,1H), 3.99-4.01(m,1H), 6.50-6.52(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(107) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 6.50-6.52(d,1H), 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(108) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 6.27(s,2H), 6.38-6.40(d,1H), 6.50-6.52(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(109) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 6.35-6.37(d,1H), 6.50-6.52(d,1H), 6.93(s,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(110) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 6.50-6.52(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(111) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 6.50-6.52(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75(d,1H);

(112) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 3.80(s,1H), 6.50-6.52(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.72-7.74(t,1H), 7.93-7.94(d,1H);

(113) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 6.50-6.52(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H);

(114) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 6.50-6.52(d,1H), 6.93-6.95(t,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H);

(115) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 6.50-6.52(d,1H), 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H);

(116) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 3.80(s,1H), 6.50-6.52(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H);

(117) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 6.50-6.52(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.33(s,1H), 11.53(s,1H);

(118) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 3.82(s,6H), 5.71(s,1H), 6.50-6.52(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(119) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 5.98(s,1H), 6.50-6.52(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.72-7.74(t,1H), 7.93-7.94(d,1H);

(120) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 6.50-6.52(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s,1H);

(121) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 6.50-6.52(d,1H), 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(122) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 5.46-5.48(d,1H), 6.50-6.52(d,1H), 7.10-7.11(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(123) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 6.50-6.52(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H);

(124) 2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.80(s,1H), 6.50-6.52(d,1H), 7.38-7.40(d,1H), 7.43-7.45(t,1H), 7.72-7.74(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H);

(125) (L)-2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.65-6.67(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H), 8.32-8.35(d,1H);

(126) (L)-2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 6.65-6.67(d,1H), 6.86(s,1H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.32-8.35(d,1H);

(127) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 2.68(s,6H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 6.65-6.67(d,1H), 6.86(s,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H);

(128) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 2.68(s,6H), 3.10-3.15(t,4H), 6.65-6.67(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H);

(129) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.68(s,6H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m,1H), 6.65-6.67(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H);

(130) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 6.65-6.67(d,1H), 6.86(s,1H), 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H);

(131) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.65-6.67(d,1H), 6.75-6.76(d,1H), 6.86(s,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H);

(132) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 6.35-6.37(d,1H), 6.65-6.67(d,1H), 6.86(s,1H), 6.93(s,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H);

(133) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 6.65-6.67(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(134) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 6.65-6.67(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75(d,1H);

(135) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.68(s,6H), 2.80-2.83(m,4H), 6.65-6.67(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H);

(136) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 6.65-6.67(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H);

(137) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 6.65-6.67(d,1H), 6.86(s,1H), 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H), 8.45-8.46(d,2H);

(138) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 6.62-6.64(t,1H), 6.65-6.67(d,1H), 6.70-6.72(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H), 8.32-8.35(d,1H);

(139) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 2.68(s,6H), 6.65-6.67(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H), 8.32-8.35(d,1H);

(140) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 6.65-6.67(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.30(s,1H), 8.32-8.35(d,1H), 11.53(s,1H);

(141) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 3.82(s,6H), 5.71(s,1H), 6.65-6.67(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H);

(142) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 5.98(s,1H), 6.65-6.67(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H);

(143) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 6.65-6.67(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H), 9.34(s,1H);

(144) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 6.60-6.61(d,1H), 6.63-6.64(t,1H), 6.66-6.67(d,1H), 6.86(s,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H);

(145) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 5.46-5.48(d,1H), 6.65-6.67(d,1H), 6.86(s,1H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H);

(146) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 6.65-6.67(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H), 8.32-8.35(d,1H);

(147) 2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.68(s,6H), 6.65-6.67(d,1H), 6.86(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.32-8.35(d,1H), 8.57-8.59(d,1H), 11.53(s,1H);

(148) (L)-2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 3.83(s,9H), 4.73-4.77(t,1H), 6.50-6.52(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(149) (L)-2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 3.83(s,9H), 4.73-4.77(t,1H), 6.27(s,2H), 6.50-6.52(d,1H), 6.56-6.58(d,2H), 7.11-7.12(d,2H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(150) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 3.83(s,9H), 4.73-4.77(t,1H), 6.50-6.52(d,1H), 7.13-7.14(d,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(151) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 3.83(s,9H), 6.50-6.52(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(152) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.83(s,9H), 3.99-4.01(m,1H), 6.50-6.52(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(153) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 6.50-6.52(d,1H), 7.10-7.11(d,1H), 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(154) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 6.27(s,2H), 6.38-6.40(d,1H), 6.50-6.52(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(155) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 6.35-6.37(d,1H), 6.50-6.52(d,1H), 6.93(s,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(156) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 6.50-6.52(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(157) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 6.50-6.52(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75(d,1H);

(158) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 3.83(s,9H), 6.50-6.52(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H);

(159) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 6.50-6.52(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H);

(160) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 6.50-6.52(d,1H), 6.93-6.95(t,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H);

(161) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 6.50-6.52(d,1H), 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H);

(162) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 3.83(s,9H), 6.50-6.52(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H);

(163) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 6.50-6.52(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.33(s,1H), 11.53(s,1H);

(164) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.82(s,6H), 3.83(s,9H), 5.71(s,1H), 3.83(s,9H), 6.50-6.52(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(165) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 5.98(s,1H), 6.50-6.52(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(166) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 6.50-6.52(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s,1H);

(167) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 6.50-6.52(d,1H), 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(168) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 5.46-5.48(d, 1H), 6.50-6.52(d,1H), 7.10-7.11(d,1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d, 1H);

(169) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 6.50-6.52(d, 1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H);

(170) 2-(2,3,4-trimethoxyphenyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,9H), 6.50-6.52(d, 1H), 7.13-7.14(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H);

(171) (L)-2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 3.83(s,3H), 4.73-4.77(t,1H), 5.35(s,1H), 6.88-6.90(d, 1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.62-7.65 (d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(172) (L)-2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 3.83(s,3H), 4.73-4.77(t,1H), 5.35(s,1H), 6.27(s,2H), 6.56-6.58(d,2H), 6.88-6.90(d,1H), 7.11-7.13(d,2H), 7.21(s, 1H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(173) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28 (m,1H), 3.65-3.68(t,1H), 3.83(s,3H), 4.73-4.77(t,1H), 5.35 (s,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.89-7.91(d, 1H), 7.93-7.94(d,1H);

(174) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 3.83(s,3H), 5.35(s,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(175) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.83(s,3H), 3.99-4.01(m,1H), 5.35(s,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(176) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 6.88-6.90(d,1H), 7.12-7.15(d,2H), 7.21(s,1H), 7.22-7.24(t, 2H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(177) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d, 1H), 6.88-6.90(d,1H), 7.02-7.04(t,1H), 7.21(s,1H), 7.53-7.55 (d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(178) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 6.35-6.37(d,1H), 6.88-6.90(d,1H), 6.93(s,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.49-7.52(d,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(179) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d, 1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(180) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d, 1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75(d,1H);

(181) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 3.83(s,3H), 5.35(s,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H);

(182) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d, 1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H);

(183) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 6.88-6.90(d,1H), 6.93-6.95(t,1H), 7.21(s,1H), 7.43-7.45(t, 1H), 7.53-7.55(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H);

(184) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 6.62-6.64(t,1H), 6.70-6.72(d,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.51-7.52(d,1H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H);

(185) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 3.83(s,3H), 5.35(s,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H);

(186)2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.33(s,1H), 11.53(s,1H);

(187) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.79(s,6H), 3.83(s,3H), 5.35(s,1H), 5.71(s,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(188)2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 5.98(s,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(189)2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s,1H);

(190) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.88-6.90(d,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(191)2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 5.46-5.48(d,1H), 6.88-6.90(d,1H), 7.10-7.11(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(192) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H);

(193) 2-(3-hydroxyl-4-methoxyphenyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.83(s,3H), 5.35(s,1H), 6.88-6.90(d,1H), 7.21(s,1H), 7.43-7.45(t,1H), 7.53-7.55(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H);

(194) (L)-2-(2-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide (Refer to FIG. **4**)

^{1}HMNR(DMSO, 400 MHz)δ:3.57-3.61(m,1H),3.66-3.70(m,1H),4.20-4.22(m,1H),5.08-5.11(q,1H),5.28-5.29(d,1H), 6.29-6.30(d,1H), 7.28-7.32(t,1H), 7.57-7.61(m,1H), 7.67-7.73(m,4H), 8.02-8.06(m,3H), 8.57-8.59(m,1H), 8.78-8.80(m,1H), 10.47-10.49(d,1H), 13.62(s,1H);

(195) (L)-2-(2-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.36-7.38(t,1H), 7.43-7.45(t,1H), 7.85-7.86(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H);

(196) 2-(2-pyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.36-7.38(t,1H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H);

(197) 2-(2-pyridyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 7.36-7.38(t,1H), 7.43-7.45(t,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H);

(198) 2-(2-pyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m,1H), 7.36-7.38(t,1H), 7.43-7.45(t,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H);

(199) 2-(2-pyridyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.12-7.15(d,2H), 7.22-7.24 (t,2H), 7.36-7.38(t,1H), 7.43-7.45(t,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H);

(200) 2-(2-pyridyl)-1H-benzimidazole-4(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.27(s,2H), 6.38-6.40(d, 1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.36-7.38(t,1H), 7.43-7.45(t,1H), 7.85-7.86(t,1H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H);

(201) 2-(2-pyridyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.35-6.37(d,1H), 6.93(s, 1H), 7.36-7.38(t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H);

(202) 2-(2-pyridyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.36-7.38(t,1H), 7.43-7.45 (t,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 8.38-8.41(d,1H), 8.59-8.60(d,1H), 9.24-9.26(d, 1H), 13.00-13.03(d,1H);

(203) 2-(2-pyridyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.36-7.38(t,1H), 7.43-7.45 (t,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H), 8.61(s,1H), 8.63-8.65(d, 1H), 13.71-13.75(d,1H);

(204) 2-(2-pyridyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 7.36-7.38(t,1H), 7.43-7.45(t, 1H), 7.85-7.86(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H);

(205) 2(2-pyridyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.36-7.38(t,1H), 7.43-7.45 (t,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.38-8.41(d,1H), 8.43-8.45(d, 1H), 8.59-8.60(d,1H);

(206) 2-(2-pyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.93-6.95(t,1H), 7.36-7.38 (t,1H), 7.43-7.45(t,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.38-8.41(d,1H), 8.45-8.46(d,2H), 8.59-8.60(d,1H);

(207) 2-(2-pyridyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.62-6.64(t,1H), 6.70-6.72 (d,1H), 7.36-7.38(t,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H);

(208) 2-(2-pyridyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 7.36-7.38(t, 1H), 7.43-7.45(t,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H), 8.38-8.41(d,1H), 8.59-8.60(d, 1H);

(209) 2-(2-pyridyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.36-7.38(t,1H), 7.43-7.45 (t,1H), 7.82(s,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.33(s,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H), 11.53(s,1H);

(210) 2-(2-pyridyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.82(s,6H), 5.71(s,1H), 7.36-7.38(t,1H), 7.43-7.45(t,1H), 7.85-7.86(t,1H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H);

(211) 2-(2-pyridyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.98(s,1H), 7.36-7.38(t, 1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.85-7.86(t,1H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H);

(212) 2-(2-pyridyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.36-7.38(t,1H), 7.43-7.45 (t,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H), 9.34(s,1H);

(213) 2-(2-pyridyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.60-6.61(d,1H), 6.63-6.65 (t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.36-7.38(t,1H), 7.43-7.45(t,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94 (d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H);

(214) 2-(2-pyridyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.46-5.48(d,1H), 7.10-7.11 (d,1H), 7.36-7.38(t,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.38-8.41(d, 1H), 8.59-8.60(d,1H);

(215) 2-(2-pyridyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.36-7.38(t,1H), 7.43-7.45 (t,1H), 7.85-7.86(t,1H), 7.87-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H), 8.38-8.41(d,1H), 8.59-8.60(d,1H);

(216) 2-(2-pyridyl)-1H-benzimidazole-4(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.36-7.38(t,1H), 7.43-7.45 (t,1H), 7.85-7.86(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.38-8.41(d,1H), 8.57-8.59(d,1H), 8.59-8.60(d,1H), 11.53(s, 1H);

(217) (L)-2-(3-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.57-7.60(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d, 2H), 8.42-8.44(d,1H), 8.70-8.72(d,1H), 9.24(s,1H);

(218) (L)-2-(3-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13 (d,2H), 7.43-7.45(t,1H), 7.57-7.60(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.42-8.44(d,1H), 8.70-8.72(d,1H), 9.24(s, 1H);

(219) 2-(3-pyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m, 1H), 7.43-7.45(t,1H), 7.57-7.60(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.42-8.44(d,1H), 8.70-8.72(d,1H), 9.24(s, 1H);

(220) 2-(3-pyridyl)-1H-benzimidazole-4(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.93-6.95(t,1H), 7.43-7.45 (t,1H), 7.57-7.60(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.41-8.43(d,1H), 8.45-8.46(d,2H), 8.70-8.72(d,1H), 9.24(s, 1H);

(221) (L)-2-(4-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(222) (L)-2-(4-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13 (d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.25-8.28(d,2H), 8.75-8.77(d,2H);

(223) 2-(4-pyridyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m, 1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.25-8.28(d,2H), 8.75-8.77(d,2H);

(224) 2-(4-pyridyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.93-6.95(t,1H), 7.43-7.45 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.25-8.28(d,2H), 8.45-8.46(d,2H), 8.75-8.77(d,2H);

(225) (L)-2-(3-pyridazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.61-7.63(t,1H), 7.64-7.67(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.09-8.11(d, 1H), 8.17-8.20(d,2H), 9.34-9.37(d,1H);

(226) (L)-2-(3-pyridazinyl)-1H-benzimidazole-4-N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13 (d,2H), 7.43-7.45(t,1H), 7.61-7.63(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.09-8.11(d,1H), 9.34-9.37(d,1H);

(227) 2-(3-pyridazinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28 (m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.61-7.63(t,1H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 9.34-9.37(d,1H);

(228) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N—N'-piperdinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 7.43-7.45(t,1H), 7.61-7.63(t, 1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 9.34-9.37(d,1H);

(229) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m, 1H), 7.43-7.45(t,1H), 7.61-7.63(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 9.34-9.37(d,1H);

(230) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.12-7.15(d,2H), 7.22-7.24 (t,2H), 7.43-7.45(t,1H), 7.61-7.63(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 9.34-9.37(d,1H);

(231) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.27(s,2H), 6.38-6.40(d, 1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H),

7.43-7.45(t,1H), 7.61-7.63(t,1H), 7.89-7.91(d,1H), 7.93-7.94 (d,1H), 8.09-8.11(d,1H), 9.34-9.37(d,1H);

(232) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.35-6.37(d,1H), 6.93(s, 1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.61-7.63(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 9.34-9.37(d,1H);

(233) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4'-carbonamido)-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.61-7.63 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 9.34-9.37(d,1H), 13.00-13.03 (d,1H);

(234) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.61-7.63 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 9.34-9.37(d,1H), 13.71-13.75 (d,1H);

(235) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 7.43-7.45(t,1H), 7.61-7.63(t, 1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 9.34-9.37(d,1H);

(236) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.61-7.63 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H), 9.34-9.37(d, 1H);

(237) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.93-6.95(t,1H), 7.43-7.45 (t,1H), 7.61-7.63(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 8.45-8.46(d,2H), 9.34-9.37(d,1H);

(238) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.62-6.64(t,1H), 6.70-6.72 (d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.61-7.63(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H), 8.11-8.13(d,1H), 8.59-8.60(d,1H);

(239) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 7.43-7.45(t, 1H), 7.61-7.63(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 8.12(s,1H), 9.34-9.37(d,1H);

(240) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.61-7.63 (t,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 8.33(s,1H), 9.34-9.37(d,1H), 11.53(s,1H);

(241) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4-, 6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.82(s,6H), 5.71(s,1H), 7.43-7.45(t,1H), 7.61-7.63(t,1H), 7.89-7.91(d,1H), 7.93-7.94 (d,1H), 8.09-8.11(d,1H), 9.34-9.37(d,1H);

(242) 2-(3-pyridazinyl)-1H-benzimidazole-4(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.98(s,1H), 7.43-7.45(t, 1H), 7.61-7.63(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94 (d,1H), 8.09-8.11(d,1H), 9.34-9.37(d,1H);

(243) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.61-7.63 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 9.32(s,1H), 9.34-9.37(d,1H);

(244) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.60-6.61(d,1H), 6.63-6.65 (t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.61-7.63(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 9.34-9.37(d,1H);

(245) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.46-5.48(d,1H), 7.10-7.11 (d,1H), 7.43-7.45(t,1H), 7.61-7.63(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 9.34-9.37(d, 1H);

(246) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.61-7.63 (t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 8.16-8.18(d,1H), 9.34-9.37(d,1H);

(247) 2-(3-pyridazinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.61-7.63 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.09-8.11(d,1H), 8.57-8.59(d,1H), 9.34-9.37(d,1H), 11.53(s,1H);

(248) (L)-2-(4-pyridazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H),

7.77-7.80(d,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H), 9.30-9.32(d,1H), 9.46(s,1H);

(249) (L)-2-(4-pyridazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.77-7.80(d,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 9.30-9.32(d,1H), 9.46(s,1H);

(250) 2-(4-pyridazinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m,1H), 7.43-7.45(t,1H), 7.77-7.80(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.30-9.32(d,1H), 9.46(s,1H);

(251) 2-(4-pyridazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.77-7.80(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H), 9.30-9.32(d,1H), 9.46(s,1H);

(252) (L)-2-(2-pyrazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H), 8.76-8.79(d,2H), 9.34(s,1H);

(253) (L)-2-(2-pyrazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(254) 2-(2-pyrazinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 7.93-7.94(d,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(255) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s,1H);

(256) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.77-2.80(m, 1H), 3.02-3.05(m, 1H), 3.99-4.01(m, 1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(257) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(258) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(259) 2-(2-pyrazinyl)-b 1-l H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.35-6.37(d,1H), 6.93(s,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.931(d,1H), 7.93-7.94(d,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(260) 2-(2-pyrazinyl)-1H-benzimidazole-4(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 8.76-8.79(d,2H), 9.24-9.26(d,1H), 9.34(s,1H), 13.00-13.03(d,1H);

(261) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 8.76-8.79(d,2H), 9.34(s,1H), 13.71-13.75(d,1H);

(262) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(263) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(264) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H), 8.76-8.79(d,2H), 9.34(s,1H);

(265) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(266) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(267) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d,1H), 8.33(s,1H), 8.76-8.79(d,2H), 9.34(s,1H), 11.53(s,1H);

(268) 2-(2-pyrazinyl)1H-benzimidazole-4(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.82(s,6H), 5.71(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(269) 2-(2-pyrazinyl)1H-benzimidazole-4(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.98(s,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(270) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.76-8.79(d,2H), 9.34(s,1H), 9.37(s,1H);

(271) 2-(2-pyrazinyl)1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(272) 2-(2-pyrazinyl)-1H)-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.46-5.48(d,1H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(273) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H), 8.76-8.79(d,2H), 9.34(s,1H);

(274) 2-(2-pyrazinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 8.76-8.79(d,2H), 9.34(s,1H), 11.53(s,1H);

(275) (L)-2-(2-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.14-4.17(m,1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(276) (L)-2-(2-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.14-4.17(m,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(277) 2-(2-piperazinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 4.14-4.17(m,1H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(278) 2-(2-piperazinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 3.13-3.15(m,1H), 4.14-4.17(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(279) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,4H), 2.62-2.63(m,2H), 2.65-2.66(m,2H), 2.69-2.70(m,2H), 2.72-2.74(m,2H), 2.77-2.80(m,1H), 2.84-2.86(m,1H), 3.02-3.05(m,1H), 3.09-3.11(m,1H), 3.99-4.01(m,1H), 4.14-4.17(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(280) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m,1H), 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(281) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m,1H), 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(282) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74

(m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m, 1H), 6.35-6.37(d,1H), 6.93(s,1H), 7.43-7.45(t,1H), 7.54-7.56 (d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(283) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m, 1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(284) 2(2-piperazinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m, 1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75(d,1H);

(285) 2-(2-piperazinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 1.94-1.95(m,1H), 2.62-2.63(m,1H), 2.65-2.67(t,5H), 2.69-2.70 (m,1H), 2.72-2.74(m,1H), 2.80-2.83(m,4H), 2.84-2.86(m, 1H), 3.09-3.11(m,1H), 4.14-4.17(m,1H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H);

(286) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m, 1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H);

(287) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m, 1H), 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H);

(288) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m, 1H), 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H);

(289) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.45(s, 3H), 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d, 1H), 7.93-7.94(d,1H), 8.12(s,1H);

(290) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m, 1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94 (d,1H), 8.33(s,1H), 11.53(s,1H);

(291) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 3.82(s,6H), 5.71(s,1H), 4.14-4.17(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d, 1H), 7.93-7.94(d,1H);

(292) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m, 1H), 5.98(s,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d, 1H), 7.93-7.94(d,1H);

(293) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m, 1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s,1H);

(294) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m, 1H), 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(295) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m, 1H), 5.46-5.48(d,1H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(296) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m, 1H), 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H);

(297) 2-(2-piperazinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.84-2.86(m,1H), 3.09-3.11(m,1H), 4.14-4.17(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H);

(298) (L)-2-(N,N'-diethyl-2-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.02-1.06(t,6H), 2.40-2.43(m,4H), 2.61-2.63(d,1H), 2.65-2.67(t,1H), 2.69-2.71(t,1H), 2.72-2.74(t,1H), 2.76-2.78(t,1H), 2.88-2.90(d,1H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.14-4.16(t,1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(299) (L)-2-(N,N'-diethyl-2-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.02-1.06(t,6H), 2.40-2.43(m,4H), 2.61-2.63(d,1H), 2.65-2.67(t,1H), 2.69-2.71(t,1H), 2.72-2.74(t,1H), 2.76-2.78(t,1H), 2.88-2.90(d,1H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.14-4.16(t,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(300) 2-(N,N'-diethyl-2-piperazinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.02-1.06(t,6H), 1.91-1.93(m,2H), 2.40-2.43(m,4H), 2.59-2.60(d,1H), 2.62-2.63(m,1H), 2.64-2.65(t,1H), 2.66-2.67(m,1H), 2.68-2.70(t,2H), 2.72-2.73(m,1H), 2.74-2.75(t,1H), 2.76-2.78(t,1H), 2.77-2.80(m,1H), 2.88-2.90(d,1H), 3.02-3.05(m,1H), 3.99-4.01(m,1H), 4.14-4.16(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(301) 2-(N,N'-diethyl-2-piperazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.02-1.06(t,6H), 2.40-2.43(m,4H), 2.61-2.63(d,1H), 2.65-2.67(t,1H), 2.69-2.71(t,1H), 2.72-2.74(t,1H), 2.76-2.78(t,1H), 2.88-2.90(d,1H), 4.14-4.16(t,1H), 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H);

(302) (L)-2-(N-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.15-3.16(m,1H), 3.18-3.22(t,4H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(303) (L)-2-(N-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.15-3.16(m,1H), 3.18-3.22(t,4H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(304) 2-(N-piperazinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(305) 2-(N-piperazinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.10-3.15(t,4H), 3.17-3.22(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(306) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,3H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.78-2.82(m,5H), 3.02-3.05(m,1H), 3.17-3.22(t,4H), 3.99-4.01(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(307) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(308) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(309) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 6.35-6.37(d,1H), 6.93(s,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(310) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(311) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75(d,1H);

(312) 2-(N-piperazinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,2H), 2.65-2.67(t,4H), 2.78-2.80(m,4H), 2.81-2.83(m,4H), 3.17-3.22(t,4H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H);

(313) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H);

(314) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H);

(315) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H);

(316) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.45(s,3H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H);

(317) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d,1H), 8.33(s,1H), 11.53(s,1H);

(318) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 3.82(s,6H), 5.71(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(319) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 5.98(s,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(320) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s,1H);

(321) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(322) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 5.46-5.48(d,1H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(323) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H);

(324) 2-(N-piperazinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.92(m,1H), 2.78-2.82(m,4H), 3.17-3.22(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H);

(325) (L)-2-(N-ethyl-N'-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.02-1.05(t,3H), 2.38-2.41(m,2H), 3.15-3.17(t,4H), 3.19-3.21(m,1H), 3.25-3.28(m,1H), 3.44-3.46(t,4H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(326) (L)-2-(N-ethyl-N'-piperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.02-1.05(t,3H), 2.38-2.41(m,2H), 3.15-3.17(t,4H), 3.19-3.21(m,1H), 3.25-3.28(m,1H), 3.44-3.46(t,4H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(327) 2-(N-ethyl-N'-piperazinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.02-1.05(t,3H), 1.91-1.93(m,2H), 2.38-2.41(m,2H), 2.62-2.36(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.15-3.17(t,4H), 3.44-3.46(t,4H), 3.99-4.01(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(328) 2-(N-ethyl-N'-piperazinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.02-1.05(t,3H), 2.38-2.41(m,2H), 3.15-3.17(t,4H), 3.44-3.46(t,4H), 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H);

(329) (L)-2-(2-pyrrolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,

1H), 4.73-4.77(t,1H), 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(330) (L)-2-(2-pyrrolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.27(s,2H), 6.56-6.58(d,2H), 6.95-6.97(d,1H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(331) 2-(2-pyrrolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(332) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(333) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m,1H), 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(334) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(335) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.15-6.18(t,1H), 6.27(s,2H), 6.38-6.39(d,1H), 6.40-6.42(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 6.95-6.97(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(336) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.15-6.18(t,1H), 6.35-6.37(d,1H), 6.40-6.42(d,1H), 6.93(s,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(337) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(338) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75(d,1H);

(339) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H);

(340) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H);

(341) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR(DMSO, 400 MHz)δ:6.15-6.18(t,1H),6.40-6.42(d,1H),6.93-6.95(t,1H), 6.98-7.01(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H);

(342) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.62-6.64(t,1H), 6.70-6.72(d,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H);

(343) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H);

(344) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR(DMSO, 400 MHz)δ:6.15-6.18(t,1H),6.40-6.42(d,1H),6.95-6.97(d,1H),7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d,1H), 8.33(s,1H), 11.53(s,1H);

(345) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR(DMSO, 400 MHz)δ:3.82(s,6H), 5.71(s,1H), 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(346) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.98(s,1H), 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(347) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s,1H);

(348) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.90-6.93(d,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(349) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR(DMSO, 400 MHz)δ:5.46-5.48(d,1H),6.15-6.18(t,1H),6.40-6.42(d,1H),6.95-6.97(d,1H),7.10-7.11(d,1H), 7.43-7.45(t,1H),7.82(s,1H),7.89-7.91(d,1H),7.93-7.94(d,1H);

(350) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H),7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H);

(351) 2-(2-pyrrolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.15-6.18(t,1H), 6.40-6.42(d,1H), 6.95-6.97(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H);

(352) (L)-2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.99(s,2H),7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(353) (L)-2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR(DMSO, 400 MHz)δ: 2.45(s,3H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 6.99(s,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(354) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 2.45(s,3H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 6.99(s,2H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(355) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 2.45(s,3H), 3.10-3.15(t,4H), 6.99(s,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(356) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.45(s,3H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m,1H), 6.99(s,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(357) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.99(s,2H), 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(358) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 6.99(s,2H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(359) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.35-6.37(d,1H), 6.93(s,1H), 6.99(s,2H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(360) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.99(s,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(361) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.99(s,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75(d,1H);

(362) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.45(s,3H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 6.99(s,2H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H);

(363) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.99(s,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H);

(364) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.93-6.95(t, 1H), 6.99(s,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94 (d,1H), 8.45-8.46(d,2H);

(365) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.62-6.64(t, 1H), 6.70-6.72(d,1H), 6.99(s,2H), 7.43-7.45(t,1H), 7.55-7.57 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H);

(366) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,6H), 6.99(s,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s, 1H);

(367) 2-(4-methyl-5-aminothiazolyl-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.99(s,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d, 1H), 8.33(s,1H), 11.53(s,1H);

(368) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 3.82(s,6H), 5.71(s,1H), 6.99(s,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(369) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 5.98(s,1H), 6.99(s,2H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(370) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.99(s,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s, 1H);

(371) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.60-6.61(d, 1H), 6.63-6.65(t,1H), 6.96-6.97(t,1H), 6.99(s,2H), 7.02-7.05 (d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(372) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 5.46-5.48(d, 1H), 6.99(s,2H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.82(s, 1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(373) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.99(s,2H), 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H);

(374) 2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.99(s,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H);

(375) (L)-2-(2-quinolinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 7.39-7.40(d,1H), 7.43-7.45(t,1H), 7.60-7.62(t,1H), 7.64-7.65(d,2H), 7.76-7.77 (t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d, 1H), 8.17-8.20(d,2H), 8.44-8.46(d,1H);

(376) (L)-2-(2-quinolinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13 (d,2H), 7.39-7.40(d,1H), 7.43-7.45(t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.40-8.41(d,1H), 8.44-8.46(d, 1H);

(377) 2-(2-quinolinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28 (m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.35-7.37(d,1H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d, 1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.44-8.46(d,1H);

(378) 2-(2-quinolinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 7.39-7.40(d,1H), 7.43-7.45(t, 1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.44-8.46(d,1H);

(379) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74

(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m, 1H), 7.39-7.40(d,1H), 7.43-7.45(t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.44-8.46(d,1H);

(380) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.12-7.15(d,2H), 7.22-7.24 (t,2H), 7.39-7.40(d,1H), 7.43-7.45(t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.44-8.46(d,1H);

(381) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.27(s,2H), 6.38-6.40(d, 1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.39-7.40(d,1H), 7.43-7.45(t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.44-8.46(d,1H);

(382) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.35-6.37(d,1H), 6.93(s, 1H), 7.39-7.40(d,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.44-8.46(d, 1H);

(383) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.39-7.40(d,1H), 7.43-7.45 (t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.37(s, 2H), 8.44-8.46(d,1H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(384) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.39-7.40(d,1H), 7.43-7.45 (t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.44-8.46(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75(d, 1H);

(385) 2-(2-quinolinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 7.39-7.40(d,1H), 7.43-7.45(t, 1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.44-8.46(d,1H);

(386) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.39-7.40(d,1H), 7.43-7.45 (t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H), 8.44-8.46(d,1H);

(387) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.93-6.95(t,1H), 7.39-7.40 (d,1H), 7.43-7.45(t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.40-8.43(d,1H), 8.45-8.46(d,2H);

(388) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.62-6.64(t,1H), 6.70-6.72 (d,1H), 7.39-7.40(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.04-8.05(d,1H), 8.07-8.09(d, 1H), 8.44-8.46(d,1H);

(389) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 7.39-7.40(d, 1H), 7.43-7.45(t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.12(s,1H), 8.44-8.46(d,1H);

(390) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.39-7.40(d,1H), 7.43-7.45 (t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d, 1H), 8.33(s,1H), 8.44-8.46(d,1H), 11.53(s,1H);

(391) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.82(s,6H), 5.71(s,1H), 7.39-7.40(d,1H), 7.43-7.45(t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.44-8.46(d,1H);

(392) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.98(s,1H), 7.39-7.40(d, 1H), 7.43-7.45(t,1H), 7.60-7.62(t,1H), 7.74(s,2H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.44-8.46(d,1H);

(393) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.39-7.40(d,1H), 7.43-7.45 (t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.44-8.46(d,1H), 9.34(s,1H);

(394) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.60-6.61(d,1H), 6.63-6.65 (t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.39-7.40(d,1H), 7.43-7.45(t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.44-8.46(d,1H);

(395) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.46-5.48(d,1H), 7.10-7.11 (d,1H), 7.39-7.40(d,1H), 7.43-7.45(t,1H), 7.60-7.62(t,1H),

7.78-7.79 (t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d, 1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.44-8.46(d,1H);

(396) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.39-7.40(d,1H), 7.43-7.45 (t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.16-8.18(d,1H), 8.44-8.46(d,1H);

(397) 2-(2-quinolinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.39-7.40(d,1H), 7.43-7.45 (t,1H), 7.60-7.62(t,1H), 7.78-7.79 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 7.98-8.00(d,1H), 8.06-8.07(d,1H), 8.44-8.46(d,1H), 11.53(s,1H);

(398) (L)-2-(3-quinolinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.59-7.60(t,1H), 7.62-7.65(d,2H), 7.77-7.79(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d, 1H), 7.98-8.00(d,1H), 8.06-8.08(d,1H), 8.17-8.20(d,2H), 8.22(s,1H), 8.57(s,1H);

(399) (L)-2-(3-quinolinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13 (d,2H), 7.43-7.45(t,1H), 7.60-7.62(t,1H), 7.77-7.79(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 7.98-8.00(d,1H), 8.06-8.08(d,1H), 8.22(s,1H), 8.57(s,1H);

(400) 2-(3-quinolinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.36(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m, 1H), 7.43-7.45(t,1H), 7.60-7.62(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.08(d,1H), 8.22(s, 1H), 8.57(s,1H);

(401) 2-(3-quinolinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.93-6.95(t,1H), 7.43-7.45 (t,1H), 7.60-7.62(t,1H), 7.77-7.79(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 7.98-8.00(d,1H), 8.06-8.08(d,1H), 8.22(s, 1H), 8.45-8.46(d,2H), 8.57(s,1H);

(402) (L)-2-(2-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.02-4.05(m,1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d, 1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(403) (L)-2-(2-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.02-4.05(m,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(404) 2-(2-piperidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 1.43-1.45 (m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m, 1H), 1.67-1.69(m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m,1H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 4.02-4.05(m,1H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.40-7.41(d, 2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(405) 2-(2-piperidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.51(m,1H), 1.53-1.55(m,4H), 1.55-1.57 (m,1H), 1.59-1.63(m,2H), 1.67-1.69(m,1H), 1.92-1.95(m, 1H), 2.69-2.72(m,1H), 2.79-2.81(m,1H), 3.10-3.15(t,4H), 4.02-4.05(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(406) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.87-1.88(m,1H), 1.91-1.93(m,2H), 2.62-2.63(m, 1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.73(m,1H), 2.75-2.76(m,1H), 2.77-2.80(m,1H), 2.82-2.85(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m,1H), 4.03-4.05(m,1H), 7.43-7.45 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(407) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 4.02-4.05(m,1H), 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(408) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 4.02-4.05(m,1H), 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t, 1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(409) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 4.02-4.05(m,1H), 6.35-6.37(d,1H), 6.93(s,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d, 1H);

(410) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 4.02-4.05(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 13.00-13.03 (d,1H);

(411) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 4.02-4.05(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75 (d,1H);

(412) 2-(2-piperidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.84-1.89(m,1H), 1.91-1.95(m,1H), 2.65-2.67(t, 4H), 2.69-2.72(m,1H), 2.79-2.81(m,1H), 2.84-2.85(m,4H), 4.02-4.05(m,1H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H);

(413) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 4.02-4.05(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d, 1H);

(414) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 4.02-4.05(m,1H), 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H);

(415) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 4.02-4.05(m,1H), 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94 (d,1H), 8.07-8.09(d,1H);

(416) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.45(s,3H), 2.69-2.72(m,1H), 2.79-2.81(m,1H), 4.02-4.05(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H);

(417) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 4.02-4.05(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d,1H), 8.33(s,1H), 11.53(s,1H);

(418) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 3.82(s,6H), 4.02-4.05(m,1H), 5.71(s,1H), 7.43-7.45(t, 1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(419) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 4.02-4.05(m,1H), 5.98(s,1H), 7.43-7.45(t,1H), 7.74(s, 2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(420) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 4.02-4.05(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s,1H);

(421) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 4.02-4.05(m,1H), 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H);

(422) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m,

1H), 4.02-4.05(m,1H), 5.46-5.48(d,1H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d, 1H);

(423) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 4.02-4.05(m,1H), 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H);

(424) 2-(2-piperidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.47-1.48(m,1H), 1.50-1.52(m,1H), 1.55-1.57(m,1H), 1.67-1.69 (m,1H), 1.92-1.95(m,1H), 2.69-2.72(m,1H), 2.79-2.81(m, 1H), 4.02-4.05(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H);

(425) (L)-2-(3-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.53-1.55(m,1H), 1.67-1.69(m,1H), 1.92-1.95(m,1H), 2.71-2.73 (m,1H), 2.74-7.76(m,1H), 2.78-2.80(m,1H), 2.90-2.92(t, 1H), 3.12-3.15(t,1H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d, 1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(426) (L)-2-(3-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.53-1.55(m,1H), 1.67-1.69(m,1H), 1.92-1.95(m,1H), 2.71-2.73 (m,1H), 2.74-7.76(m,1H), 2.78-2.80(m,1H), 2.90-2.92(t, 1H), 3.12-3.15(t,1H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(427) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.53-1.55(m,1H), 1.67-1.69(m,1H), 1.89-1.90(m,2H), 1.92-1.95 (m,1H), 2.62-2.36(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m, 1H), 2.69-2.70(m,1H), 2.71-2.72(m,1H), 2.74-7.76(m,1H), 2.77-2.80(m,1H), 2.82-2.84(m,1H), 2.90-2.92(t,1H), 3.02-3.05(m,1H), 3.15-3.17(t,1H), 3.99-4.01(m,1H), 7.43-7.45(t, 1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(428) 2-(3-piperidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.43-1.45(m,1H), 1.53-1.55(m,1H), 1.67-1.69(m,1H), 1.92-1.95(m,1H), 2.71-2.73 (m,1H), 2.74-7.76(m,1H), 2.78-2.80(m,1H), 2.90-2.92(t, 1H), 3.15-3.17(t,1H), 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H);

(429) (L)-2-(4-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.67-1.69(m,2H), 1.92-1.95(m,2H), 2.69-2.71(m,2H), 2.78-2.80(m,1H), 2.82-2.83 (m,2H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m, 1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(430) (L)-2-(4-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.67-1.69(m,2H), 1.92-1.95(m,2H), 2.69-2.71(m,2H), 2.78-2.80(m,1H), 2.82-2.83 (m,2H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m, 1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.27 (s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(431) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.67-1.69(m,2H), 1.89-1.90(m,2H), 1.92-1.95(m,2H), 2.62-2.36(m,1H), 2.65-2.66 (m,1H), 2.67-2.68(m,1H), 2.69-2.71(m,2H), 2.72-2.74(m, 1H), 2.75-2.76(m,1H), 2.78-2.80(m,1H), 2.82-2.83(m,2H), 3.02-3.05(m,1H), 3.99-4.01(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(432) 2-(4-piperidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.67-1.69(m,2H), 1.92-1.95(m,2H), 2.69-2.71(m,2H), 2.78-2.80(m,1H), 2.82-2.83 (m,2H), 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H);

(433) (L)-2-(3-indolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 7.01-7.04(t,1H), 7.31-7.33(t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.62-7.65(d,2H), 7.89-7.90(d, 1H), 7.93-7.95(d,1H), 8.14-8.16(d,1H), 8.17-8.20(d,2H), 8.60-8.62(d,1H);

(434) (L)-2-(3-indolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.01-7.04 (t,1H), 7.11-7.13(d,2H), 7.31-7.33(t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.14-8.16(d,1H), 8.60-8.62(d,1H);

(435) 2-(3-indolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28 (m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 7.01-7.04(t,1H), 7.29-7.30(d,2H), 7.31-7.33(t,1H), 7.40-7.41(d,2H), 7.43-

7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d, 1H), 8.14-8.16(d,1H), 8.60-8.62(d,1H);

(436) 2-(3-indolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 7.01-7.04(t,1H), 7.31-7.33(t, 1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.60-8.62(d,1H);

(437) 2-(3-indolyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m, 1H), 7.01-7.04(t,1H), 7.31-7.33(t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.14-8.16(d, 1H), 8.60-8.62(d,1H);

(438) 2-(3-indolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.01-7.04(t,1H), 7.12-7.15 (d,2H), 7.22-7.24(t,2H), 7.31-7.33(t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.60-8.62(d,1H);

(439) 2-(3-indolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.27(s,2H), 6.38-6.40(d, 1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.06-7.08(t,1H), 7.31-7.33(t,1H), 7.43-7.45(t,1H), 7.54-7.56 (d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.60-8.62(d,1H);

(440) 2-(3-indolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.35-6.37(d,1H), 6.93(s, 1H), 7.01-7.04(t,1H), 7.31-7.33(t,1H), 7.43-7.45(t,1H), 7.50-7.52(d,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d, 1H), 8.14-8.16(d,1H), 8.60-8.62(d,1H);

(441) 2-(3-indolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.01-7.04(t,1H), 7.31-7.33 (t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.60-8.62(d,1H), 8.37(s, 2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(442) 2-(3-indolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.01-7.04(t,1H), 7.31-7.33 (t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.57-8.59(d,1H), 8.61(s, 1H), 8.63-8.65(d,1H), 13.71-13.75(d,1H);

(443) 2-(3-indolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 7.01-7.04(t,1H), 7.31-7.33(t, 1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.60-8.62(d,1H);

(444) 2-(3-indolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.01-7.04(t,1H), 7.31-7.33 (t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.34-8.35(d,1H), 8.36(s, 1H), 8.40-8.42(d,1H), 8.60-8.62(d,1H);

(445) 2-(3-indolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.93-6.95(t,1H), 7.01-7.04 (t,1H), 7.31-7.33(t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.45-8.46(d,2H), 8.60-8.62(d,1H);

(446) 2-(3-indolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.62-6.64(t,1H), 6.70-6.72 (d,1H), 7.01-7.04(t,1H), 7.31-7.33(t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.57-7.58(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H), 8.14-8.16(d,1H), 8.60-8.62(d, 1H);

(447) 2-(3-indolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 7.01-7.04(t, 1H), 7.31-7.33(t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H), 8.14-8.16(d, 1H), 8.60-8.62(d,1H);

(448) 2-(3-indolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.01-7.04(t,1H), 7.31-7.33 (t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.33(s,1H), 8.60-8.62(d,1H), 11.53(s,1H);

(449) 2-(3-indolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.82(s,6H), 5.71(s,1H), 7.01-7.04(t,1H), 7.31-7.33(t,1H), 7.43-7.45(t,1H), 7.54-7.56 (d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.60-8.62(d,1H);

(450) 2-(3-indolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.98(s,1H), 7.01-7.04(t, 1H), 7.31-7.33(t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.74 (s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.60-8.62(d,1H);

(451) 2-(3-indolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.01-7.04(t,1H), 7.31-7.33 (t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.60-8.62(d,1H), 9.34(s, 1H);

(452) 2-(3-indolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.60-6.61(d,1H), 6.63-6.65 (t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.02-7.04(t,1H), 7.31-7.33(t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.60-8.62(d,1H);

(453) 2-(3-indolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.46-5.48(d,1H), 7.01-7.04 (t,1H), 7.10-7.11(d,1H), 7.31-7.33(t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d, 1H), 8.14-8.16(d,1H), 8.60-8.62(d,1H);

(454) 2-(3-indolyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.01-7.04(t,1H), 7.31-7.33 (t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.13-8.15(d,1H), 8.17-8.19(d,1H), 8.60-8.62(d,1H);

(455) 2-(3-indolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.01-7.04(t,1H), 7.31-7.33 (t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.14-8.16(d,1H), 8.57-8.59(d,1H), 8.60-8.62(d,1H), 11.53(s,1H);

(456) (L)-2-(2'-imidazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 7.00-7.01(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H), 13.00-13.03(d,1H);

(457) (L)-2-(2'-imidazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.00-7.01 (d,1H), 7.02-7.04(t,1H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 13.00-13.03(d,1H);

(458) 2-(2'-imidazolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenyllhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28 (m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 7.00-7.01(d,1H), 7.02-7.04(t,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 13.00-13.03 (d,1H);

(459) 2-(2'-imidazolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 7.00-7.01(d,1H), 7.02-7.04(t, 1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 13.00-13.03(d,1H);

(460) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m, 1H), 7.00-7.01(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 13.00-13.03(d,1H);

(461) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.00-7.01(d,1H), 7.02-7.04 (t,1H), 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 13.00-13.03(d,1H);

(462) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.27(s,2H), 6.38-6.40(d, 1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.00-7.01(d,1H), 7.02-7.04(t,1H), 7.05-7.08(t,1H), 7.43-7.45(t,1H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H), 13.00-13.03(d,1H);

(463) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.35-6.37(d,1H), 6.93(s, 1H), 7.00-7.01(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 13.00-13.03(d,1H);

(464) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.00-7.01(d,1H), 7.02-7.04 (t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H), 13.05-13.07(d,1H);

(465) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.00-7.01(d,1H), 7.02-7.04 (t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.00-13.03(d,1H), 13.71-13.75(d,1H);

(466) 2-(2-imidazolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 7.00-7.01(d,1H), 7.02-7.04(t, 1H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 13.00-13.03(d,1H);

(467) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.00-7.01(d,1H), 7.02-7.04 (t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H), 13.00-13.03 (d,1H);

(468) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.93-6.95(t,1H), 7.00-7.01 (d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H), 13.00-13.03(d,1H);

(469) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.62-6.64(t,1H), 6.70-6.72 (d,1H), 7.00-7.01(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H), 13.00-13.03(d,1H);

(470) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 7.00-7.01(d, 1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H), 13.00-13.03(d,1H);

(471) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.00-7.01(d,1H), 7.02-7.04 (t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d,1H), 8.33(s,1H), 11.53(s,1H), 13.00-13.03(d,1H);

(472) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.82(s,6H), 5.71(s,1H), 7.00-7.01(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H), 13.00-13.03(d,1H);

(473) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.98(s,1H), 7.00-7.01(d, 1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H), 13.00-13.03(d,1H);

(474) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.00-7.01(d,1H), 7.02-7.04 (t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s,1H), 13.00-13.03(d,1H);

(475) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.60-6.61(d,1H), 6.63-6.65 (t,1H), 6.95-6.96(t,1H), 6.97-6.99(d,1H), 7.00-7.01(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94 (d,1H), 13.00-13.03(d,1H);

(476) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.46-5.48(d,1H), 7.00-7.01 (d,1H), 7.02-7.04(t,1H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 13.00-13.03 (d,1H);

(477) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.00-7.01(d,1H), 7.02-7.04 (t,1H), 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H), 13.00-13.03(d,1H);

(478) 2-(2-imidazolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.00-7.01(d,1H), 7.02-7.04 (t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H), 13.00-13.03(d,1H);

(479) (L)-2-(3-pyrazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 6.48-6.50(d,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.85-7.87(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H), 12.62-12.64(d,1H);

(480) (L)-2-(3-pyrazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.48-6.50(d,1H), 6.56-6.58 (d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 12.62-12.64(d,1H);

(481) 2-(3-pyrazolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28 (m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 6.48-6.50(d,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 12.62-12.64 (d,1H);

(482) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 6.48-6.50(d,1H), 7.43-7.45(t, 1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 12.62-12.64(d,1H);

(483) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m, 1H), 6.48-6.50(d,1H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 12.62-12.64(d,1H);

(484) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.48-6.50(d,1H), 7.12-7.15 (d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 12.62-12.64(d,1H);

(485) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.27(s,2H), 6.38-6.40(d,1H), 6.48-6.50(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 12.62-12.64(d,1H);

(486) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.35-6.37(d,1H), 6.48-6.50(d,1H), 6.93(s,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 12.62-12.64(d,1H);

(487) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.48-6.50(d,1H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 12.62-12.64(d,1H), 13.00-13.03(d,1H);

(488) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.48-6.50(d,1H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 12.62-12.64(d,1H), 13.71-13.75(d,1H);

(489) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 6.48-6.50(d,1H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 12.62-12.64(d,1H);

(490) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.48-6.50(d,1H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H), 12.62-12.64(d,1H);

(491) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.48-6.50(d,1H), 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H), 12.62-12.64(d,1H);

(492) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.48-6.50(d,1H), 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H), 12.62-12.64(d,1H);

(493) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 6.48-6.50(d,1H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H), 12.62-12.64(d,1H);

(494) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.48-6.50(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.85-7.87(t,1H), 7.93-7.94(d,1H), 8.33(s,1H), 11.53(s,1H), 12.62-12.64(d,1H);

(495) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.82(s,6H), 5.71(s,1H), 6.48-6.50(d,1H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 12.62-12.64(d,1H);

(496) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.98(s,1H), 6.48-6.50(d,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 12.62-12.64(d,1H);

(497) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.48-6.50(d,1H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s,1H), 12.62-12.64(d,1H);

(498) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.48-6.50(d,1H), 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 12.62-12.64(d,1H);

(499) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.46-5.48(d,1H), 6.48-6.50(d,1H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 12.62-12.64(d,1H);

(500) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.48-6.50(d,1H), 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H), 12.62-12.64(d,1H);

(501) 2-(3-pyrazolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.48-6.50(d,1H), 7.43-7.45(t,1H), 7.85-7.87(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H), 12.62-12.64(d,1H);

(502) (L)-2-(2-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,

1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.67-7.70(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H), 9.08-9.11(d,2H);

(503) (L)-2-(2-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)] amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.67-7.70(t,1H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 9.08-9.11(d,2H);

(504) 2-(2-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.08-9.11(d,2H);

(505) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.08-9.11(d,2H);

(506) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m,1H), 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.08-9.11(d,2H);

(507) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.08-9.11(d,2H);

(508) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.08-9.11(d,2H);

(509) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.35-6.37(d,1H), 6.93(s,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.67-7.70(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.08-9.11(d,2H);

(510) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.08-9.11(d,2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(511) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 9.08-9.11(d,2H), 13.71-13.75(d,1H);

(512) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 9.08-9.11(d,2H);

(513) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H), 9.08-9.11(d,2H);

(514) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H), 9.08-9.11(d,2H);

(515) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.67-7.70(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H), 9.08-9.11(d,2H);

(516) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H), 9.08-9.11(d,2H);

(517) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d,1H), 8.33(s,1H), 9.08-9.11(d,2H), 11.53(s,1H);

(518) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.82(s,6H), 5.71(s,1H), 7.67-7.70(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.08-9.11(d,2H);

(519) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.98(s,1H), 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.08-9.11(d,2H);

(520) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.67-7.70 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.08-9.11(d,2H), 9.34(s,1H);

(521) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.60-6.61(d,1H), 6.63-6.65 (t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.08-9.11(d,2H);

(522) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.46-5.48(d,1H), 7.10-7.11 (d,1H), 7.43-7.45(t,1H), 7.67-7.70(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.08-9.11(d,2H);

(523) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.67-7.70 (t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H), 9.08-9.11(d,2H);

(524) 2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.67-7.70 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 9.08-9.11(d,2H), 11.53(s,1H);

(525) (L)-2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d, 1H), 8.17-8.20(d,2H), 8.28-8.31(d,2H), 9.26(s,2H);

(526) (L)-2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d, 1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13 (d,2H), 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.28-8.31(d,2H), 9.26(s, 2H);

(527) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28 (m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.38-7.39(t,1H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.51-7.53 (t,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 9.26(s,2H);

(528) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 7.38-7.41(t,1H), 7.43-7.45(t, 1H), 7.51-7.53(t,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 9.26(s,2H);

(529) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74 (m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m, 1H), 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 9.26(s,2H);

(530) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.12-7.15(d,2H), 7.22-7.24 (t,2H), 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 9.26(s, 2H);

(531) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.27(s,2H), 6.38-6.40(d, 1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 9.26(s,2H);

(532) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.35-6.37(d,1H), 6.93(s, 1H), 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d, 2H), 9.26(s,2H);

(533) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.38-7.41(t,1H), 7.43-7.45 (t,1H), 7.51-7.53(t,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 8.37(s,2H), 9.24-9.26(d,1H), 9.29(s,2H) 13.00-13.03(d,1H);

(534) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.38-7.41(t,1H), 7.43-7.45 (t,1H), 7.51-7.53(t,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 8.61(s,1H), 8.63-8.65(d,1H), 9.26(s,2H), 13.71-13.75(d,1H);

(535) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 7.38-7.41(t,1H), 7.43-7.45(t, 1H), 7.51-7.53(t,2H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 9.26(s,2H);

(536) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H), 9.26(s,2H);

(537) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.93-6.95(t,1H), 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 8.45-8.46(d,2H), 9.26(s,2H);

(538) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H), 8.28-8.31(d,2H), 9.26(s,2H);

(539) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H), 8.28-8.31(d,2H), 9.26(s,2H);

(540) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 8.33(s,1H), 9.26(s,2H), 11.53(s,1H);

(541) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.82(s,6H), 5.71(s,1H), 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 9.26(s,2H);

(542) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.98(s,1H), 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 9.26(s,2H);

(543) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 9.26(s,2H), 9.34(s,1H);

(544) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 9.26(s,2H);

(545) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.46-5.48(d,1H), 7.10-7.11(d,1H), 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 9.26(s,2H);

(546) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H), 8.28-8.31(d,2H), 9.26(s,2H);

(547) 2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.38-7.41(t,1H), 7.43-7.45(t,1H), 7.51-7.53(t,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.28-8.31(d,2H), 8.57-8.59(d,1H), 9.26(s,2H), 11.53(s,1H);

(548) (L)-2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.74(s,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H), 8.59(s,1H);

(549) (L)-2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.59(s,1H);

(550) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.59(s,1H);

(551) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.59(s,1H);

(552) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74

(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.59(s,1H);

(553) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.59(s,1H);

(554) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.59(s,1H);

(555) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.35-6.37(d,1H), 6.93(s,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.59(s,1H);

(556) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 8.59(s,1H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(557) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.59(s,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75(d,1H);

(558) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 7.43-7.45(t,1H), 7.74(s,2H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 8.59(s,1H);

(559) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H), 8.59(s,1H);

(560) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H), 8.59(s,1H);

(561) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H), 8.59(s,1H);

(562) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.45(s,3H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H), 8.59(s,1H);

(563) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d,1H), 8.33(s,1H), 8.59(s,1H), 11.53(s,1H);

(564) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 3.82(s,6H), 5.71(s,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.59(s,1H);

(565) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.98(s,1H), 7.43-7.45(t,1H), 7.74(s,4H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.59(s,1H);

(566) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.59(s,1H), 9.34(s,1H);

(567) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.59(s,1H);

(568) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.46-5.48(d,1H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.59(s,1H);

(569) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.74(s,2H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H), 8.59(s,1H);

(570) 2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 8.62(s,1H), 11.53(s,1H);

(571) (L)-2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.44-3.48(t,4H), 3.50-3.52

(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H), 9.02(s,2H);

(572) (L)-2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.44-3.48(t,4H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 9.02(s,2H);

(573) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 1.92-1.95(m,4H), 3.25-3.28(m,1H), 3.44-3.48(t,4H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(574) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 1.92-1.95(m,4H), 3.10-3.15(t,4H), 3.44-3.48(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(575) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.87-1.89(m,2H), 1.92-1.95(m,4H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.44-3.48(t,4H), 3.99-4.01(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(576) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(577) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(578) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 6.35-6.37(d,1H), 6.93(s,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(579) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.02(s,2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(580) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 9.02(s,2H), 13.71-13.75(d,1H);

(581) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.87-1.89(m,1H), 1.92-1.95(m,4H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 3.44-3.48(t,4H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(582) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H), 9.02(s,2H);

(583) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H), 9.02(s,2H);

(584) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H), 9.02(s,2H);

(585) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 2.45(s,3H), 3.44-3.48(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H), 9.02(s,2H);

(586) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d,1H), 8.33(s,1H), 9.02(s,2H), 11.53(s,1H);

(587) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 3.82(s,6H), 5.71(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(588) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 5.98(s,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(589) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H), 9.34(s,1H);

(590) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(591) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 5.46-5.48(d,1H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(592) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H), 9.02(s,2H);

(593) 2-(2-pyrrolidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.92-1.95(m,4H), 3.44-3.48(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 9.02(s,2H), 11.53(s,1H);

(594) (L)-2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 3.73-3.77(t,4H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H), 9.02(s,2H);

(595) (L)-2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 3.71-3.75(t,4H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 9.02(s,2H);

(596) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 3.71-3.75(t,4H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(597) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,8H), 1.59-1.63(m,2H), 3.10-3.15(t,4H), 3.71-3.75(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(598) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 1.91-1.93(m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.71-3.75(t,4H), 3.99-4.01(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(599) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(600) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(601) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 6.35-6.37(d,1H), 6.93(s,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(602) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.02(s,2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(603) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 9.02(s,2H), 13.71-13.75(d,1H);

(604) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N—(N'-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 1.91-1.95(m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 3.71-3.75(t,4H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(605) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H), 9.02(s,2H);

(606) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H), 9.02(s,2H);

(607) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H), 9.02(s,2H);

(608) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 2.45(s,3H), 3.71-3.75(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H), 9.02(s,2H);

(609) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d,1H), 8.33(s,1H), 9.02(s,2H), 11.53(s,1H);

(610) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 3.82(s,6H), 5.71(s,1H), 7.43-7.45(t,1H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(611) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 5.98(s,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(612) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 7.43-7.45 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H), 9.34(s,1H);

(613) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(614) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 5.46-5.48(d,1H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(615) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H), 9.02(s,2H);

(616) 2-(2-piperidine-1-yl-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.53-1.56(m,4H), 1.59-1.62(m,2H), 3.71-3.75(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 9.02(s,2H), 11.53(s,1H);

(617) (L)-2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H), 9.02(s,2H);

(618) (L)-2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.73-4.77(t,1H), 6.27(s,2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 9.02(s,2H);

(619) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.12-1.15(d,3H), 1.35-1.37(m,1H),3.25-3.28(m,1H), 3.65-3.68(t,1H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(620) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N—N'-piperodinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 1.52-1.55(m,4H),1.59-1.63 (m,2H), 3.10-3.15(t,4H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(621) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 1.91-1.93(m,2H), 2.62-2.63 (m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m, 1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.99-4.01(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s, 2H);

(622) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 7.12-7.15(d,2H), 7.22-7.24(t, 2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(623) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.43-7.45 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(624) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 6.35-6.37(d,1H), 6.93(s,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(625) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d, 1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.02(s,2H), 9.24-9.26(d, 1H), 13.00-13.03(d,1H);

(626) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d, 1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 9.02(s, 2H), 13.71-13.75(d,1H);

(627) 2-(2-cyclopropylamino-5-pyrimidinyl)1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 1.91-1.95(m,1H),2.65-2.67(t, 4H), 2.80-2.83(m,4H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(628) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d, 1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H), 9.02(s,2H);

(629) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 6.93-6.95(t,1H), 7.43-7.45(t, 1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H), 9.02(s,2H);

(630) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 6.62-6.64(t,1H), 6.70-6.72(d, 1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H), 9.02(s,2H);

(631) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 2.45(s,3H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H), 9.02(s,2H);

(632) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 7.43-7.45(t,1H),7.89-7.91(d, 1H), 7.82(s,1H), 7.93-7.94(d,1H), 8.33(s,1H), 9.02(s,2H), 11.53(s,1H);

(633) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 3.82(s,6H),5.71(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(634) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 5.98(s,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(635) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d, 1H), 7.93-7.94(d,1H), 9.02(s,2H), 9.34(s,1H);

(636) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 6.60-6.61(d,1H), 6.63-6.65(t,

1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(637) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 5.46-5.48(d,1H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.02(s,2H);

(638) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H), 9.02(s,2H);

(639) 2-(2-cyclopropylamino-5-pyrimidinyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 0.55-0.58(m,2H), 0.78-0.82(m,2H), 1.35-1.37(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 9.02(s,2H), 11.53(s,1H);

(640) (L)-2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 3.17-3.18(m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H), 3.65-3.68(t,1H), 3.70-3.72(d,1H), 3.95(s,3H), 4.73-4.77(t,1H), 7.43-7.45(t,1H), 7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d,1H), 8.17-8.20(d,2H);

(641) (L)-2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR(DMSO,400 MHz)δ:2.06(s,3H),3.17-3.18(m,1H),3.25-3.28(m,1H),3.50-3.52 (m,1H),3.65-3.68(t,1H), 3.70-3.72(d,1H),3.95(s,3H),4.73-4.77(t,1H),6.27(s,2H), 6.56-6.58 (d,2H),7.11-7.13(d,2H),7.43-7.45(t,1H),7.89-7.90 (d,1H),7.93-7.95(d,1H);

(642) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 2.06(s,3H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 3.95(s,3H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(643) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.52-1.55(m,4H), 1.59-1.63(m,2H), 2.06(s,3H), 3.10-3.15(t,4H), 3.95(s,3H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(644) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-piperazinyl)amide

^{1}HNMR(DMSO,400 MHz)δ:1.91-1.93(m,2H), 2.06(s,3H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,1H), 2.72-2.74(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m,1H), 3.95(s,3H), 3.99-4.01(m,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(645) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 3.95(s,3H), 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(646) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 3.95(s,3H), 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(647) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 3.95(s,3H), 6.35-6.37(d,1H), 6.93(s,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(648) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 3.95(s,3H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(649) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 3.95(s,3H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75(d,1H);

(650) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.91-1.95(m,1H), 2.06(s,3H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 3.95(s,3H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H);

(651) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-pyrazinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 3.95(s,3H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H);

(652) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 3.95(s,3H), 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94 (d,1H), 8.45-8.46(d,2H);

(653) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-pyridyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 3.95(s,3H), 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.43-7.45(t,1H), 7.55-7.57 (t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H);

(654) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 2.45(s,3H), 3.95(s,3H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d, 1H), 8.12(s,1H);

(655) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 3.95(s,3H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.82(s,1H), 7.93-7.94(d, 1H), 8.33(s,1H), 11.53(s,1H);

(656) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 3.82(s,6H), 3.95(s,3H), 5.71(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(657) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 3.95(s,3H), 5.98(s,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(658) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 3.95(s,3H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s, 1H);

(659) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR(DMSO,400 MHz)δ:2.06(s,3H), 3.95(s,3H), 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01 (d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(660) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl) amide

^{1}HNMR(DMSO,400 MHz)δ:2.06(s,3H), 3.95(s,3H), 5.46-5.48(d,1H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.82(s, 1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(661) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-6-purinyl)amide

^{1}HNMR(DMSO,400 MHz)δ:2.06(s,3H), 3.95(s,3H), 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H);

(662) 2-(1,3-dimethyl-5-chloro-4-pyrazolyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 2.06(s,3H), 3.95(s,3H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H);

(663) 2-(4-hydroxyphenyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide (refer to FIG. **5**)

^{1}HNMR(DMSO,400 MHz)δ:7.13-7.19(m,1H),7.23-7.27 (t,1H),7.36-7.41(t,1H),7.50-7.54(m,2H), 7.85-7.87(d,1H), 7.94-7.95(d,1H), 8.05-8.07(d,1H), 8.57-8.61(t,1H), 12.19-12.20(d,1H), 14.25(s,1H);

(664) (L)-2-(3-hydroxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)] amide (Refer to FIG. **6**)

^{1}HNMR(DMSO,400 MHz)δ:3.51-3.57(m,1H),3.64-3.72 (m,1H),4.22-4.26(m,1H),5.05-5.08(q,1H),5.25-5.27(d,1H), 6.16-6.18(d,1H),6.95-6.98(d,1H), 7.23-7.27(t,1H),7.30-7.34 (t,1H),7.36-7.40(m,1H),7.65-7.73(m,4H),7.80-7.84(m,1H), 8.03-8.10(m,2H), 9.76(s,1H), 10.43-10.46(d,1H), 13.31(s, 1H);

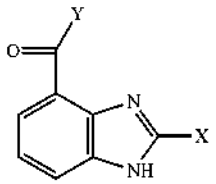
(665) 2-(3-hydroxyphenyl)-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 5.35(s,1H), 6.91-6.93(d, 1H), 7.04(s,1H), 7.34-7.36(d,1H), 7.43-7.45(t,1H), 7.84-7.86 (d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H).

EXAMPLES 666-688

1.0 g of 2,3-diaminobenzoic acid is dissolved into 20 ml of glacial acetic acid. Triethyl orthoformate (2.1 eq.) is added into the above mixture at temperature of 0° C.; and to stir it for 2 hours at temperature of 0~5° C.; and 150 ml of water is added into it, and then to isolate and filter to produce 2-ethoxy-1H-benzimidazole-4-formic acid. The yield is about 89%. 2-ethoxy-1H-benzimidzzole-4-formic acid is added into 15 ml of thionyl chloride, and to react for 60 minutes, and after end of the reaction completely, and (L)-2-amino-1-p-nitrophenyl-1,3-propylene glycol (1.1 eq) is added into the reaction mixture under stirring for 2 hours at the room temperature, and then to filter the inorganic salt, and evaporate the solvent to dry, to obtain the final product of (L)-2-ethoxy-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)amide. The yield is about 91%. Using the same process to prepare the compounds in Table 3.

TABLE 3



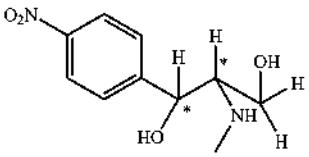
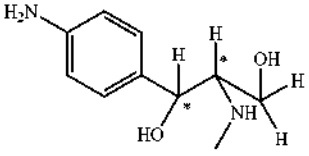
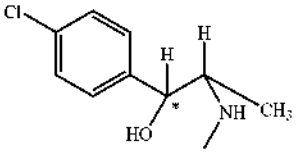
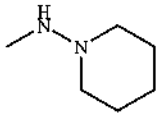
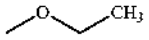
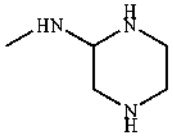
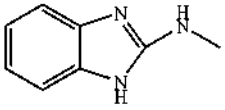
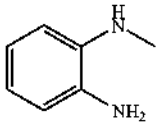
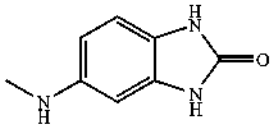
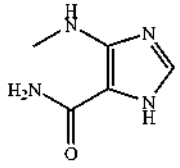
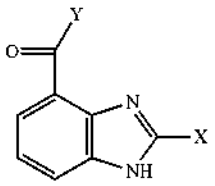
No.	Compounds	X	Y	Field %
666	(L)-2-ethoxy-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			94
667	(L)-2-ethoxy-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide			91
668	2-ethoxy-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			92
669	2-ethoxy-1H-benzimidazole-4-(N-N'-piperidinyl)amide			92
670	2-ethoxy-1H-benzimidazole-4-(N-2-piperazinyl)amide			93
671	2-ethoxy-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide			94
672	2-ethoxy-1H-benzimidazole-4-(N-o-aminophenyl)amide			89
673	2-ethoxy-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide			91
674	2-ethoxy-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide			86

TABLE 3-continued



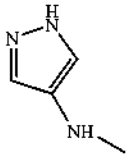
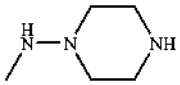
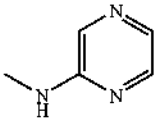
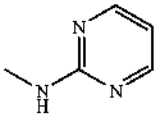
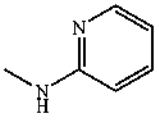
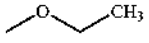
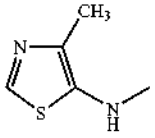
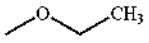
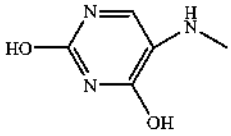
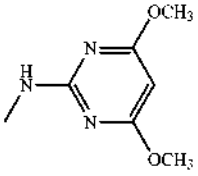
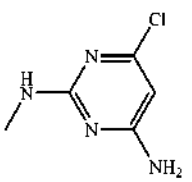
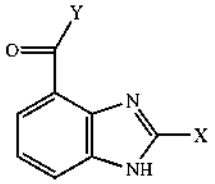
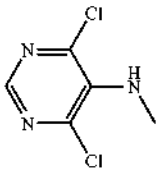
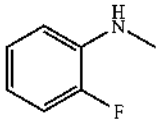
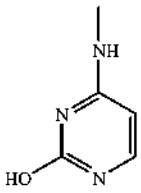
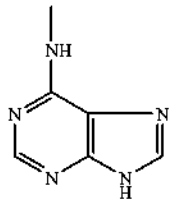
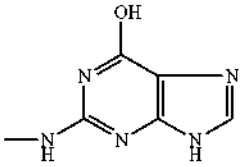
No.	Compounds	X	Y	Field %
675	2-ethoxy-1H-benzimidazole-4-(N-4'-pyrazolyl)amide			93
676	2-ethoxy-1H-benzimidazole-4-(N-(N'-piperazinyl))amide			91
677	2-ethoxy-1H-benzimidazole-4-(N-2-pyrazinyl)amide			92
678	2-ethoxy-1H-benzimidazole-4-(N-2-pyrimidinyl)amide			92
679	2-ethoxy-1H-benzimidazole-4-(N-2-pyridyl)amide			93
680	2-ethoxy-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide			94
681	2-ethoxy-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide			85
682	2-ethoxy-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide			94
683	2-ethoxy-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide			89

TABLE 3-continued



No.	Compounds	X	Y	Field %
684	2-ethoxy-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide			
685	2-ethoxy-1H-benzimidazole-4-(N-o-fluorophenyl)amide			93
686	2-ethoxy-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide			87
687	2-ethoxy-1H-benzimidazole-4-(N-6-purinyl)amide			93
688	2-ethoxy-1H-benzimidzzole-4-(N-6-hydroxyl-2-purinyl)amide			88

Structure Identification of Products:

(666) (L)-2-ethoxy-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 3.17-3.18 (m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H),3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.29-4.33(m,2H), 4.73-4.77(t,1H), 7.43-7.45(t,1H),7.62-7.65(d,2H), 7.89-7.90(d,1H), 7.93-7.95(d, 1H), 8.17-8.20(d,2H);

(667) (L)-2-ethoxy-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 3.17-3.18 (m,1H), 3.25-3.28(m,1H), 3.50-3.52(m,1H),3.65-3.68(t,1H), 3.70-3.72(d,1H), 4.29-4.33(m,2H), 4.73-4.77(t,1H), 6.27(s, 2H), 6.56-6.58(d,2H), 7.11-7.13(d,2H), 7.43-7.45(t,1H), 7.89-7.90(d,1H), 7.93-7.95(d,1H);

(668) 2-ethoxy-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.12-1.15(d,3H), 1.32-1.35 (t,3H), 3.25-3.28(m,1H), 3.65-3.68(t,1H), 4.29-4.33(m,2H), 4.73-4.77(t,1H), 7.29-7.30(d,2H), 7.40-7.41(d,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(669) 2-ethoxy-1H-benzimidazole-4-(N—N'-piperidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 1.52-1.55 (m,4H), 1.59-1.63(m,2H), 3.10-3.15(t,4H),4.29-4.33(m,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(670) 2-ethoxy-1H-benzimidazole-4-(N-2-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 1.91-1.93 (m,2H), 2.62-2.63(m,1H), 2.65-2.66(m,1H), 2.69-2.70(m,

1H), 2.72-2.74(m,1H), 2.77-2.80(m,1H), 3.02-3.05(m, 1H), 3.99-4.01(m,1H), 4.29-4.33(m,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(671) 2-ethoxy-1H-benzimidazole-4-(N-2'-benzimidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 7.12-7.15(d,2H), 7.22-7.24(t,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(672) 2-ethoxy-1H-benzimidazole-4-(N-o-aminophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 6.27(s,2H), 6.38-6.40(d,1H), 6.56-6.58(t,1H), 6.75-6.76(d,1H), 7.02-7.04(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d, 1H), 7.93-7.94(d,1H);

(673) 2-ethoxy-1H-benzimidazole-4-(N-5-benzimidazolonyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 6.35-6.37(d,1H), 6.93(s,1H), 7.43-7.45(t,1H), 7.54-7.56(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(674) 2-ethoxy-1H-benzimidazole-4-(N-4'-carbonamido-5'-imidazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.37(s,2H), 9.24-9.26(d,1H), 13.00-13.03(d,1H);

(675) 2-ethoxy-1H-benzimidazole-4-(N-4'-pyrazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.61(s,1H), 8.63-8.65(d,1H), 13.71-13.75(d,1H);

(676) 2-ethoxy-1H-benzimidazole-4-(N—(N'-piperazinyl))amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 1.91-1.95 (m,1H), 2.65-2.67(t,4H), 2.80-2.83(m,4H), 4.29-4.33(m, 2H), 7.43-7.45(t,1H), 7.90-7.91(d,1H), 7.93-7.94(d,1H);

(677) 2-ethoxy-1H-benzimidazole-4-(N-2-pyrazinyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.34-8.35(d,1H), 8.36(s,1H), 8.40-8.42(d,1H);

(678) 2-ethoxy-1H-benzimidazole-4-(N-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 6.93-6.95(t,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.45-8.46(d,2H);

(679) 2-ethoxy-1H-benzimidazole-4-(N-2-pyridyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 6.62-6.64(t,1H), 6.70-6.72(d,1H), 7.43-7.45(t,1H), 7.55-7.57(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.07-8.09(d,1H);

(680) 2-ethoxy-1H-benzimidazole-4-(N-4-methyl-5-thiazolyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 2.45(s, 3H), 4.29-4.33(m,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.12(s,1H);

(681) 2-ethoxy-1H-benzimidazole-4-(N-2,4-dihydroxyl-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.33(s,1H), 11.53(s,1H);

(682) 2-ethoxy-1H-benzimidazole-4-(N-4,6-dimethoxy-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 3.82(s, 6H), 4.29-4.33(m,2H), 5.71(s,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(683) 2-ethoxy-1H-benzimidazole-4-(N-4-chloro-6-amino-2-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 5.98(s,1H), 7.43-7.45(t,1H), 7.74(s,2H), 7.89-7.91 (d,1H), 7.93-7.94(d,1H);

(684) 2-ethoxy-1H-benzimidazole-4-(N-4,6-dichloro-5-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 9.34(s,1H);

(685) 2-ethoxy-1H-benzimidazole-4-(N-o-fluorophenyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 6.60-6.61(d,1H), 6.63-6.65(t,1H), 6.96-6.98(t,1H), 6.99-7.01(d,1H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(686) 2-ethoxy-1H-benzimidazole-4-(N-2-hydroxyl-4-pyrimidinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 5.46-5.48(d,1H), 7.10-7.11(d,1H), 7.43-7.45(t,1H), 7.82(s,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H);

(687) 2-ethoxy-1H-benzimidazole-4-(N-6-purinyl) amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 7.43-7.45(t,1H), 7.86-7.88(d,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.16-8.18(d,1H);

(688) 2-ethoxy-1H-benzimidazole-4-(N-6-hydroxyl-2-purinyl)amide

^{1}HNMR (DMSO, 400 MHz) δ: 1.32-1.35(t,3H), 4.29-4.33 (m,2H), 7.43-7.45(t,1H), 7.89-7.91(d,1H), 7.93-7.94(d,1H), 8.57-8.59(d,1H), 11.53(s,1H).

Measures of Properties:

Measures of Anti-Coxsackie B3 Viruses Activity of the Compounds

The products are applied for measures of antivirus properties of Vero cells. Refer to the results of Table 3: datum of anti-coxsackie B3 viruses activities of some compounds.

TABLE 3

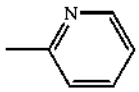
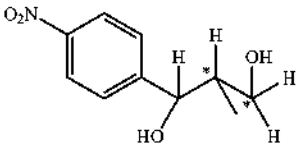
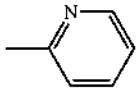
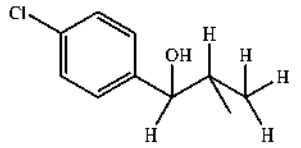
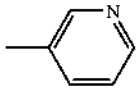
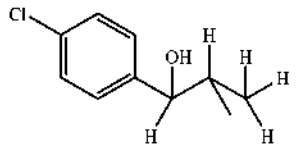
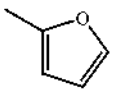
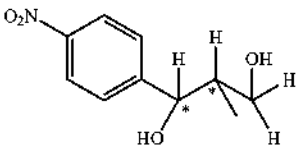
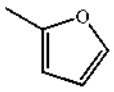
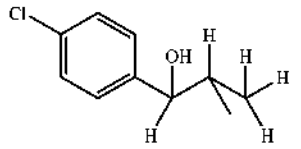
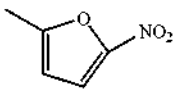
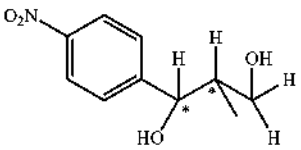
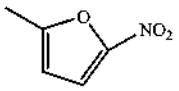
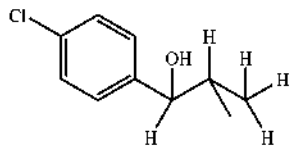
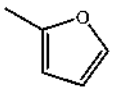
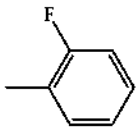
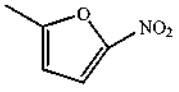
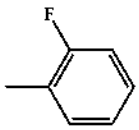
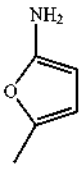
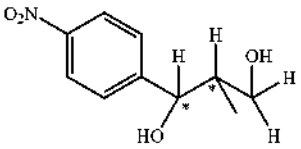
NAME OF COMPOUNDS	X	Y	IC_{50}(μg/ml)
(L)-2-(2-pyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			1.76
2-(2-pyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			4.115
2-(3-pyridyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			2.37
(L)-2-(2-thienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			15.90
2-(2-thienyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxyethyl)]amide			5.30
(L)-2-(5-nitro-2-thienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			10.69
2-(5-nitro-2-thienyl)-1H-benzimidazole-4-(N-(1-methyl-2-p-chlorophenylhydroxyethyl))-amide			7.12
2-thienyl-1H-benzimidazole-4-(N-(2-fluorophenyl)-amide			1.06
2-(5-nitro-2-thienyl)-1H-benzimidazole-4-(N-(2-fluorophenyl))-amide			>9.25
(L)-2-(5-amino-2-thienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			2.3

TABLE 3-continued

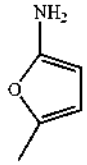
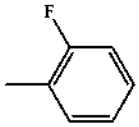
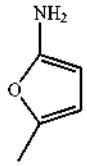
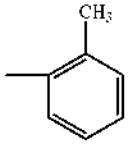
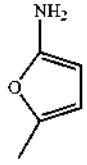
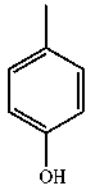
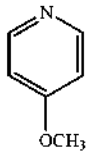
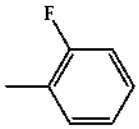
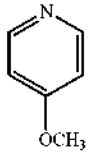
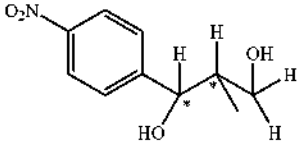
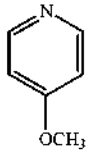
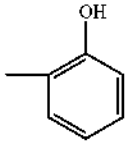
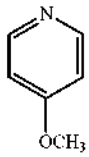
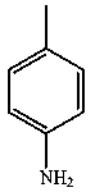
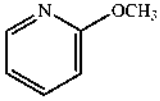
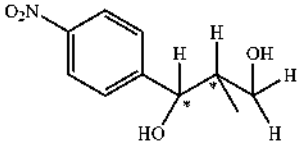
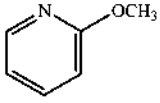
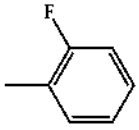
NAME OF COMPOUNDS	X	Y	IC_{50}(μg/ml)
2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			3.5
2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-o-methylphenyl)amide			8.7
2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide			6.5
2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			10.2
(L)-2-(4-methoxypyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			6.3
2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide			16.2
2-(4-methoxypyridyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide			13.4
(L)-2-(6-methoxypyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			11.2
2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			14.1

TABLE 3-continued

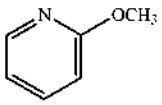
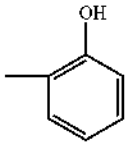
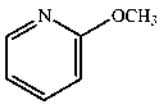
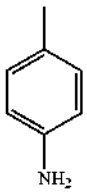
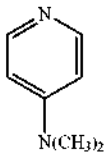
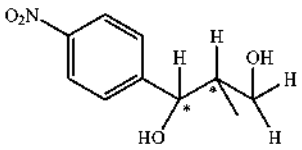
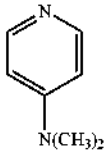
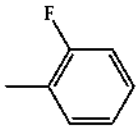
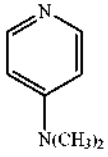
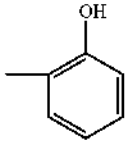
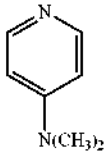
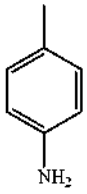
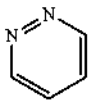
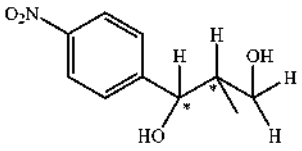
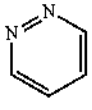
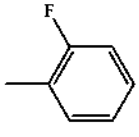
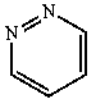
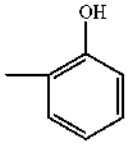
NAME OF COMPOUNDS	X	Y	IC_{50}(μg/ml)
2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide			15.7
2-(6-methoxypyridyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide			16.8
(L)-2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			10.2
2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			9.6
2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide			9.8
2-(4-dimethylaminopyridyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide			10.2
(L)-2-(3-pyridazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			5.8
2-(3-pyridazinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			12.3
2-(3-pyridazinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide			15.2

TABLE 3-continued

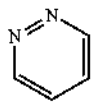
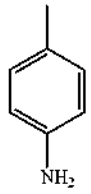
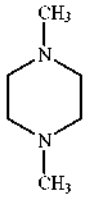
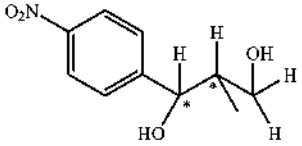
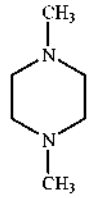
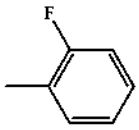
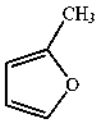
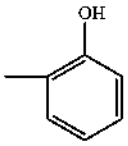
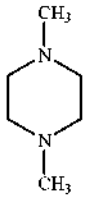
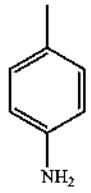
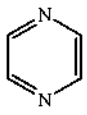
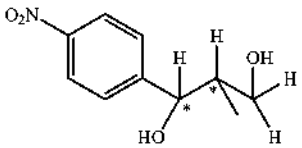
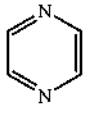
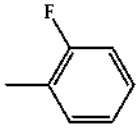
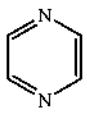
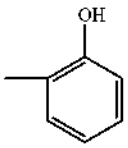
NAME OF COMPOUNDS	X	Y	IC_{50}(μg/ml)
2-(3-pyridazinyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide			10.2
(L)-2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			9.2
2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			8.9
2-(5-methy-2-thienyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide			18.5
2-(2-N-methyl-4-N-methylpiperazinyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide			3.5
(L)-2-(2-pyrazinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			2.3
2-(2-pyrazinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			6.5
2-(2-pyrazinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide			3.5

TABLE 3-continued

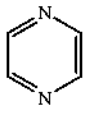
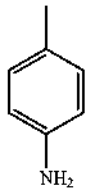
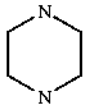
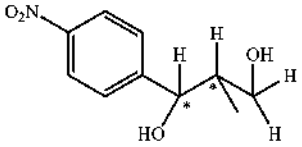
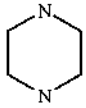
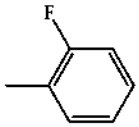
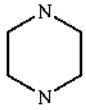
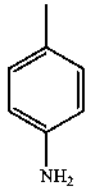
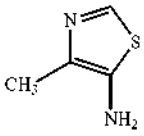
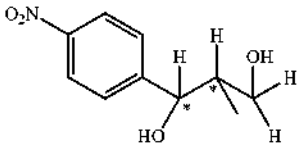
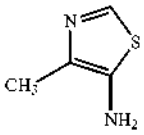
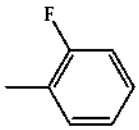
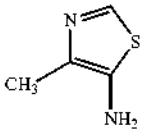
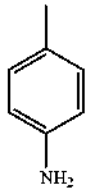
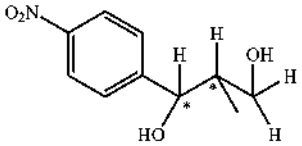
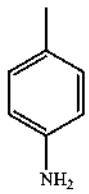
NAME OF COMPOUNDS	X	Y	IC_{50}(μg/ml)
2-(2-pyrazinyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide			4.2
(L)-2-N-piperazinyl-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-o-nitrophenylhydroxyethyl)]amide			4.2
2-N-piperazinyl-1H-benzimidazole-4-(N-o-fluorophenyl)amide			4.8
2-N-piperazinyl-1H-benzimidazole-4-(N-p-aminophenyl)amide			6.3
(L)-2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			8.9
2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			10.2
2-(4-methyl-5-aminothiazolyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide			9.8
(L)-2-thiazolyl-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			11.2
5-thiazolyl-1H-benzimidazole-4-(N-p-aminophenyl)amide			13.5

TABLE 3-continued

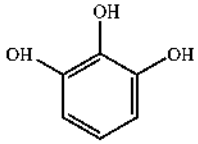
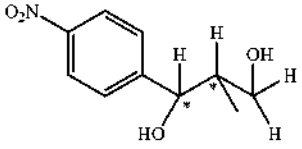
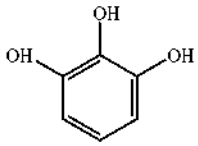
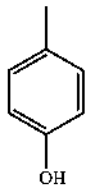
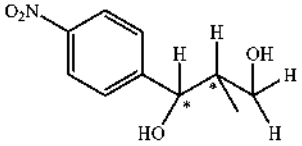
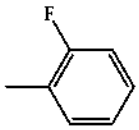
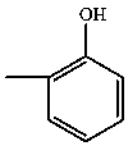
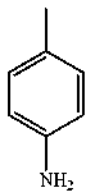
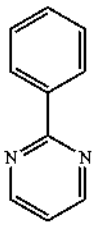
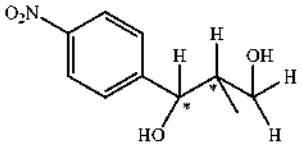
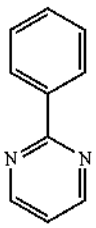
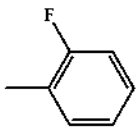
NAME OF COMPOUNDS	X	Y	IC_{50}(μg/ml)
(L)-2-(3,4,5-trihydroxyphenyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			10.2
2-(2,3,4-trihydroxyphenyl)-1H-benzimidazole-4-(N-p-hydroxyphenyl)amide			11.2
(L)-2-(2-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			9.8
2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			8.8
2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide			7.8
2-(2-pyrimidinyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide			9.8
(L)-2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			12.0
2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			12.6

TABLE 3-continued

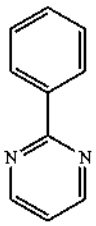
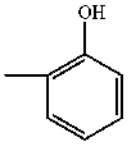
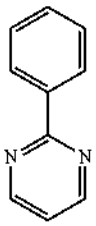
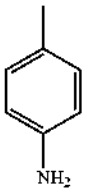
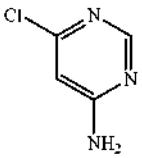
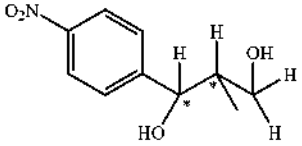
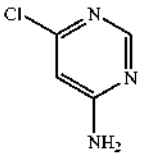
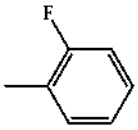
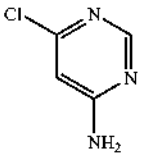
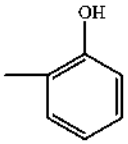
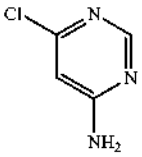
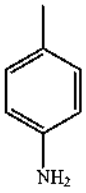
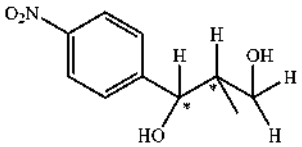
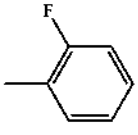
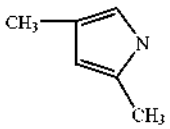
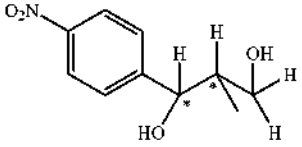
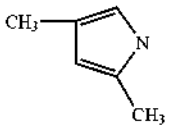
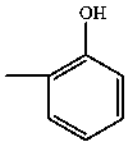
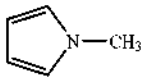
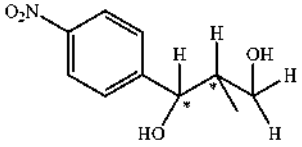
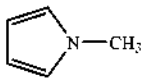
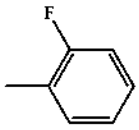
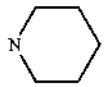
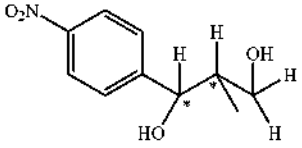
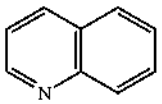
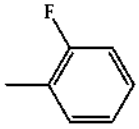
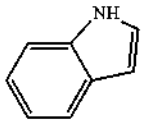
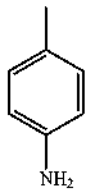
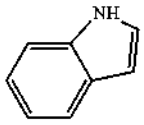
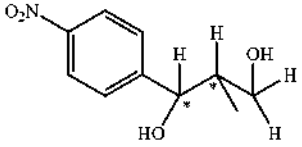
NAME OF COMPOUNDS	X	Y	IC_{50}(μg/ml)
2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide			13.2
2-(2-phenyl-5-pyrimidinyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide			15.2
(L)-2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			17.2
2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			11.3
2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide			12.3
2-(4-amino-6-chloro-5-pyrimidinyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide			14.1
(L)-2-(2-pyrrolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			5.3
2-(2-pyrrolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			9.2

TABLE 3-continued

NAME OF COMPOUNDS	X	Y	IC_{50}(μg/ml)
(L)-2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			8.6
2-(3,5-dimethyl-2-pyrrolyl)-1H-benzimidazole-4-(N-o-hydroxyphenyl)amide			10.2
(L)-2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			11.1
2-(N-methyl-2-pyrrolyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			13.2
(L)-2-(2-piperidinyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			17.2
2-(2-quinolinyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide			15.3
2-(3-indolyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide			10.8
(L-)2-(3-indolyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenylhydroxyethyl)]amide			9.6
RBV	—	—	353.55

In the above table: "-" indicates that these samples don't have anti-coxsackie B3 viruses activities at the maximum nontoxic dose.

IC_{50} indicates half inhibitory concentration for viruses.

RBV indicates triazole nucleoside, is also called ribavirin, virazole.

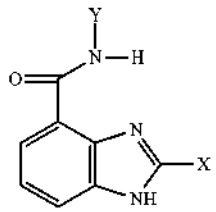
It may be seen from the result of test, these compounds have better properties of anti-coxsackie B3 viruses. These compounds of the present invention have better effects on the coxsackie viruses of the picornaviridae and can inhibit coxsackie viruses. Although the present invention has been described in connection with the above embodiments, it should be understood that the present invention is not limited to such preferred embodiments and procedures set forth above. The embodiments and procedures were chosen and described in order to best explain the principles of the invention and its practical application, to thereby enable others skilled in the art to best utilize the invention. It will be appar-

ent to those skilled in the art that various substitution, modifications and changes may be thereto without departing from the scope and spirit of the invention. Therefore, the intention is intended to cover all alternative constructions and equivalents falling within the spirit and scope of the invention as defined only by the appended claims and equivalents thereto.

We claim:

1. A benzimidazole-4-carboxamide derivative of Formula (I) or a pharmaceutically acceptable salt thereof,

(I)



wherein X represents thienyl mono substituted by nitro or amino, or an unsubstituted thienyl;

Y represents hydroxymethyl, hydroxyethyl, aminophenyl, hydroxyphenyl, C1-C6 alkylphenyl, phenyl monosubstituted by —F, —CI, —Br or —I, phenyl bisubstituted by hydroxyl and carboxyl, hydroxyethyl bisubstituted by hydroxylmethyl or C1-C6 alkyl and monosubstituted phenyl, piperazinyl monosubstituted or bisubstituted or trisubstituted by C1-C6 alkyl, pyridyl monosubstituted or bisubstituted or trisubstituted by C1-C6 alkyl, pyrazinyl monosubstituted or bisubstituted by C1-C6 alkyl, piperazinyl monosubstituted or bisubstituted or trisubstituted by C1-C6 alkyl, pyrrolyl monosubstituted or bisubstituted or trisubstituted by C1-C6 alkyl, thiazolyl monosubstituted by C1-C6 alkyl, pyrimidinyl monosubstituted or bisubstituted by C1-C6 alkyl, pyrimidinyl monsubstituted by C1-C6 alkyl and bisubstituted by hydroxyl, pyrimidinyl monosubstituted C1-C6 alkyl and bisubstituted or trisubstituted by —F, —CI, —Br or —I, purinyl monosubstituted or bisubstituted by C1-C6 alkyl, purinyl monosubstituted by C1-C6 alky and substituted or trisubstituted by hydroxyl.

2. The benzimidazole-4-carboxamide derivative according to claim **1**, wherein the derivative is selected from a group consisting of:

(1) (L)-2-(5-nitro-2-thienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenyl hydroxyethyl)] amide,

(2) (L)-2-(5-amino-2-thienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-nitrophenyl hydroxyethyl)] amide,

(3) (L)-2-(5-amino-2-thienyl)-1H-benzimidazole-4-[N-(1-hydroxymethyl-2-p-aminophen yl hydroxyethyl)] amide,

(4) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-[N-(1-methyl-2-p-chlorophenylhydroxy ethyl)]amide,

(5) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-o-fluorophenyl)amide,

(6) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-o-chlorophenyl)amide,

(7) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-o-bromophenyl)amide,

(8) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-m-fluorophenyl)amide,

(9) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-m-chlorophenyl)amide,

(10) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-m-bromophenyl)amide,

(11) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-p-fluorophenyl)amide,

(12) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-p-chlorophenyl)amide,

(13) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-p-bromophenyl)amide,

(14) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-o-methylphenyl)amide,

(15) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-o-hydroxylphenyl)amide,

(16) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-o-aminophenyl)amide,

(17) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-m-methylphenyl)amide,

(18) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-m-hydroxylphenyl)amide,

(19) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-m-aminophenyl)amide,

(20) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-p-methylphenyl)amide,

(21) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-p-hydroxylphenyl)amide, and

(22) 2-(5-amino-2-thienyl)-1H-benzimidazole-4-(N-p-aminophenyl)amide, or a pharmaceutically acceptable salt thereof.

3. A pharmaceutically acceptable salt of the benzimidazole-4-carboxamide derivative according to claim **1**, wherein the pharmaceutically acceptable salt is an inorganic acid salt selected from sulfate, hydrochloride, nitrate, phosphate or borate, or an organic salt selected from citrate, succinate, tartrate, lactate or mesylate.

4. A pharmaceutically acceptable salt of the benzimidazole-4-carboxamide derivative according to claim **2**, wherein the pharmaceutically acceptable salt is an inorganic acid salt selected from sulfate, hydrochloride, nitrate, phosphate or borate, or an organic salt selected from citrate, succinate, tartrate, lactate or mesylate.

5. A pharmaceutical composition, comprising a therapeutically effective amount of the benzimidazole-4-carboxamide derivative or the pharmaceutically acceptable salt thereof according to claim **1**, and one or more pharmaceutically acceptable thinner, excipient, and/or inert carrier.

6. A pharmaceutical composition, comprising a therapeutically effective amount of the benzimidazole-4-carboxamide derivative or the pharmaceutically acceptable salt thereof according to claim **2**, and one or more pharmaceutically acceptable thinner, excipient, and/or inert carrier.

7. A pharmaceutical composition, comprising a therapeutically effective amount of the pharmaceutically acceptable salt of the benzimidazole-4-carboxamide derivative according to claim **3**, and one or more pharmaceutically acceptable thinner, excipient, and/or inert carrier.

* * * * *