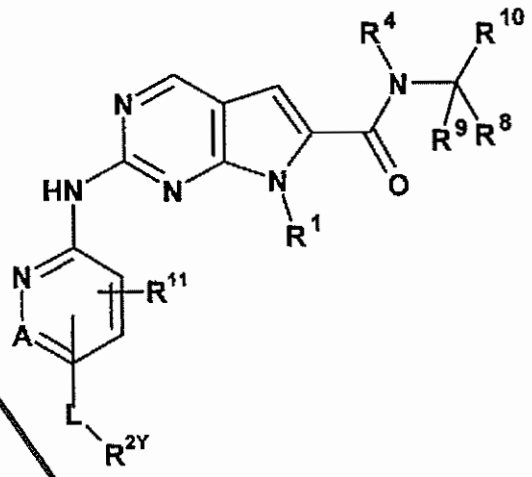
What is claimed is:

1. A compound according to formula (I)



(I)

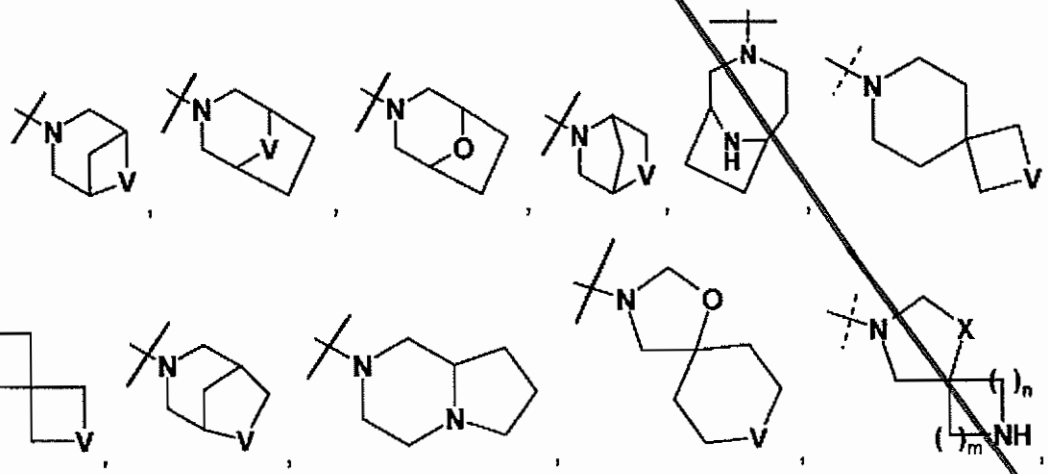
wherein:

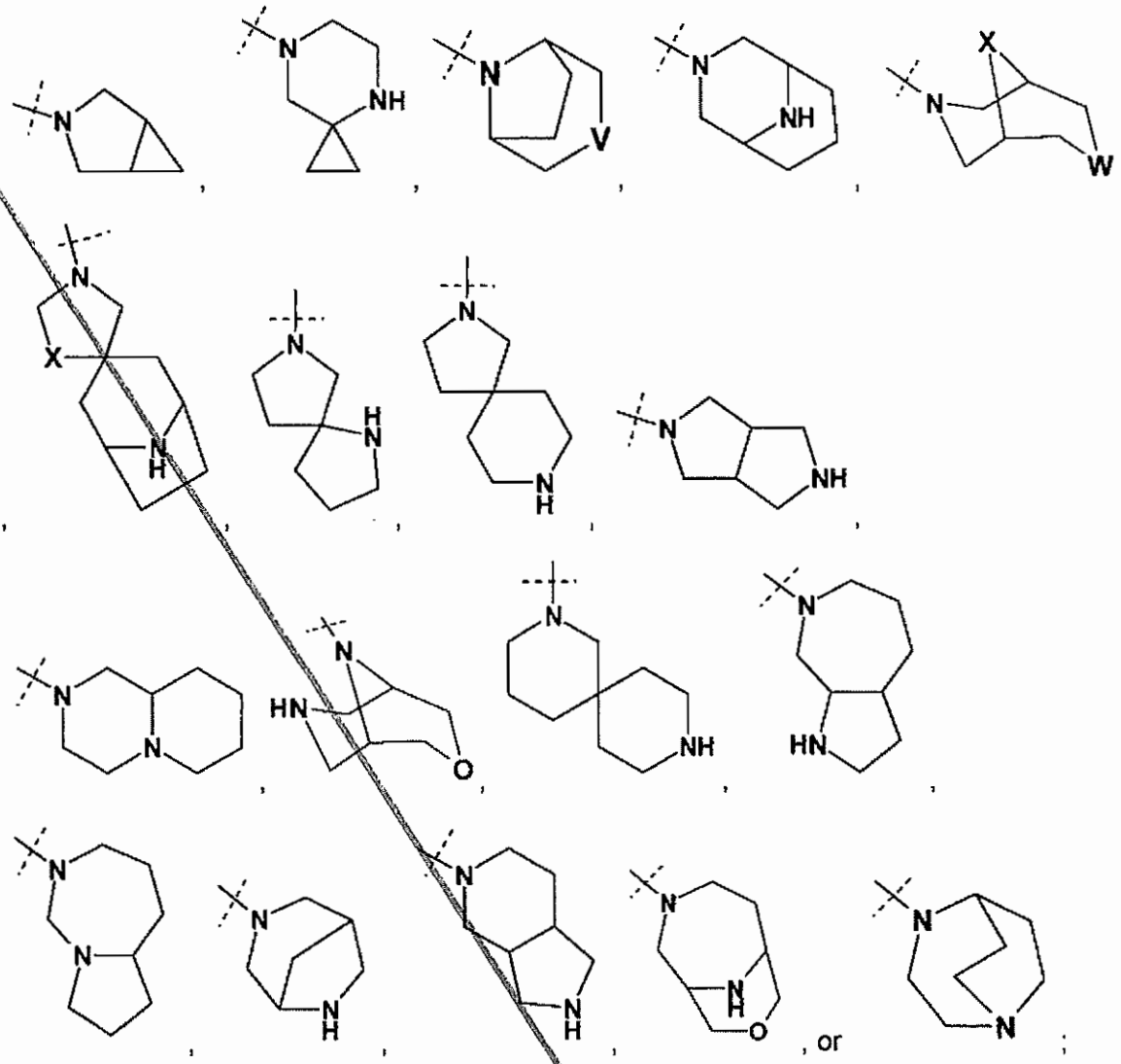
R^1 is C_{3-7} alkyl; C_{4-7} cycloalkyl optionally substituted with one substituent selected from the group consisting of C_{1-6} alkyl and OH; phenyl optionally substituted with one substitutent selected from the group consisting of C_{1-6} alkyl, $C(CH_3)_2CN$, and OH; piperidinyl optionally substituted with one cyclopropyl or C_{1-6} alkyl; tetrahydropyranyl optionally substituted with one cyclopropyl or C_{1-6} alkyl; or bicyclo[2.2.1]heptanyl;

A is CH or N;

R^{11} is hydrogen or C_{1-4} alkyl;

L is a bond, C(O), or $S(O)_2$;

R^{2Y} is 



V is NH or CH_2;

X is O or CH_2;

W is O or NH;

m and n are each independently 1, 2, or 3 provided that m and n are not both 3;

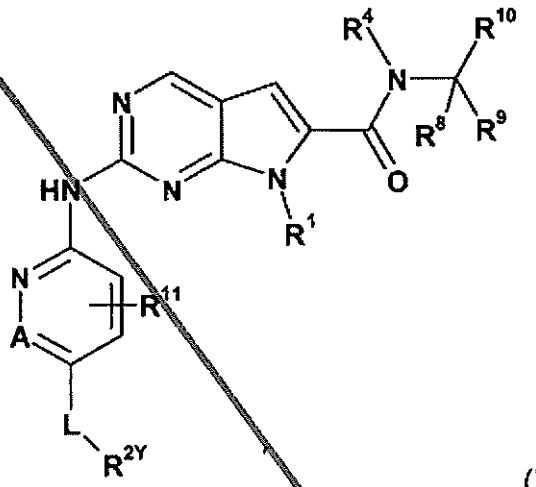
each R^{2Y} is optionally substituted with one to four substituents each independently selected from the group consisting of: C_{1-3} alkyl optionally substituted with one or two substituents each independently selected from the group consisting of hydroxy, NH_2, and -S-C_{1-3} alkyl; CD_3; halo; oxo; C_{1-3} haloalkyl; hydroxy; NH_2; dimethylamino; benzyl; -C(O)-C_{1-3}alkyl optionally substituted with one or two substituents each

independently selected from the group consisting of NH_2, $-SCH_3$ and $NHC(O)CH_3$; $-S(O)_2-C_{1-4}$alkyl; pyrrolidinyl-C(O)-; and $-C(O)_2-C_{1-3}$alkyl;

R^4 is hydrogen, deuterium, or $C(R^5)(R^6)(R^7)$; and

R^5, R^6, R^7, R^8, R^9 and R^{10} are each independently H or deuterium; or a pharmaceutically acceptable salt thereof.

2. The compound according claim 1 of formula (I-B)

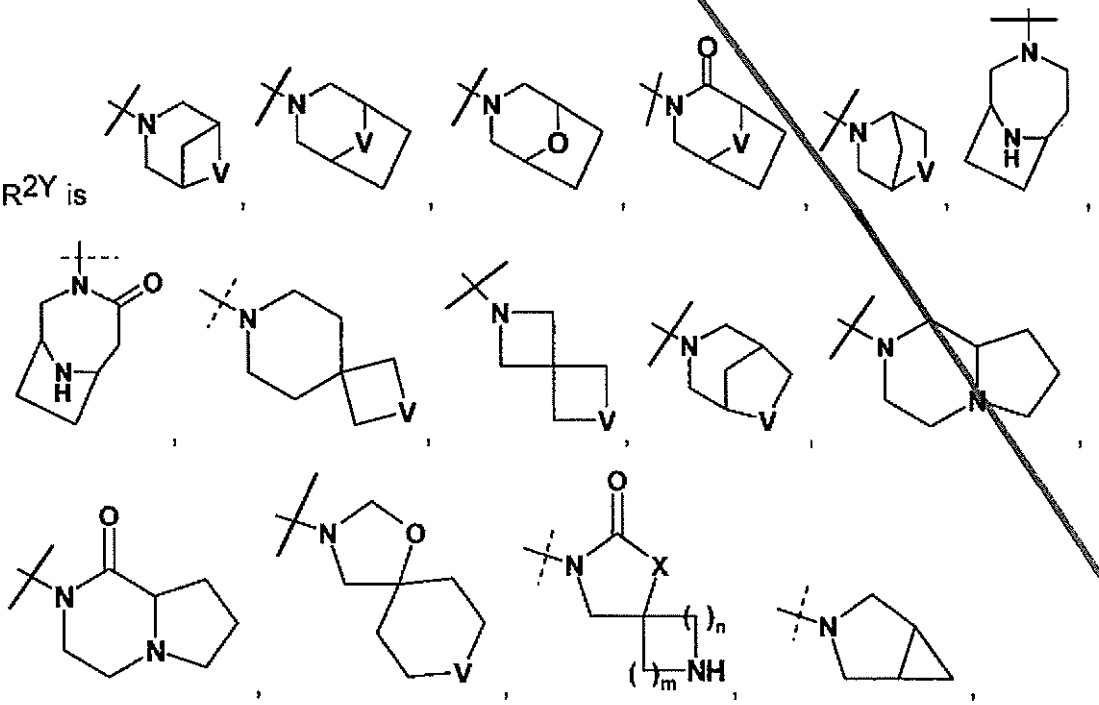


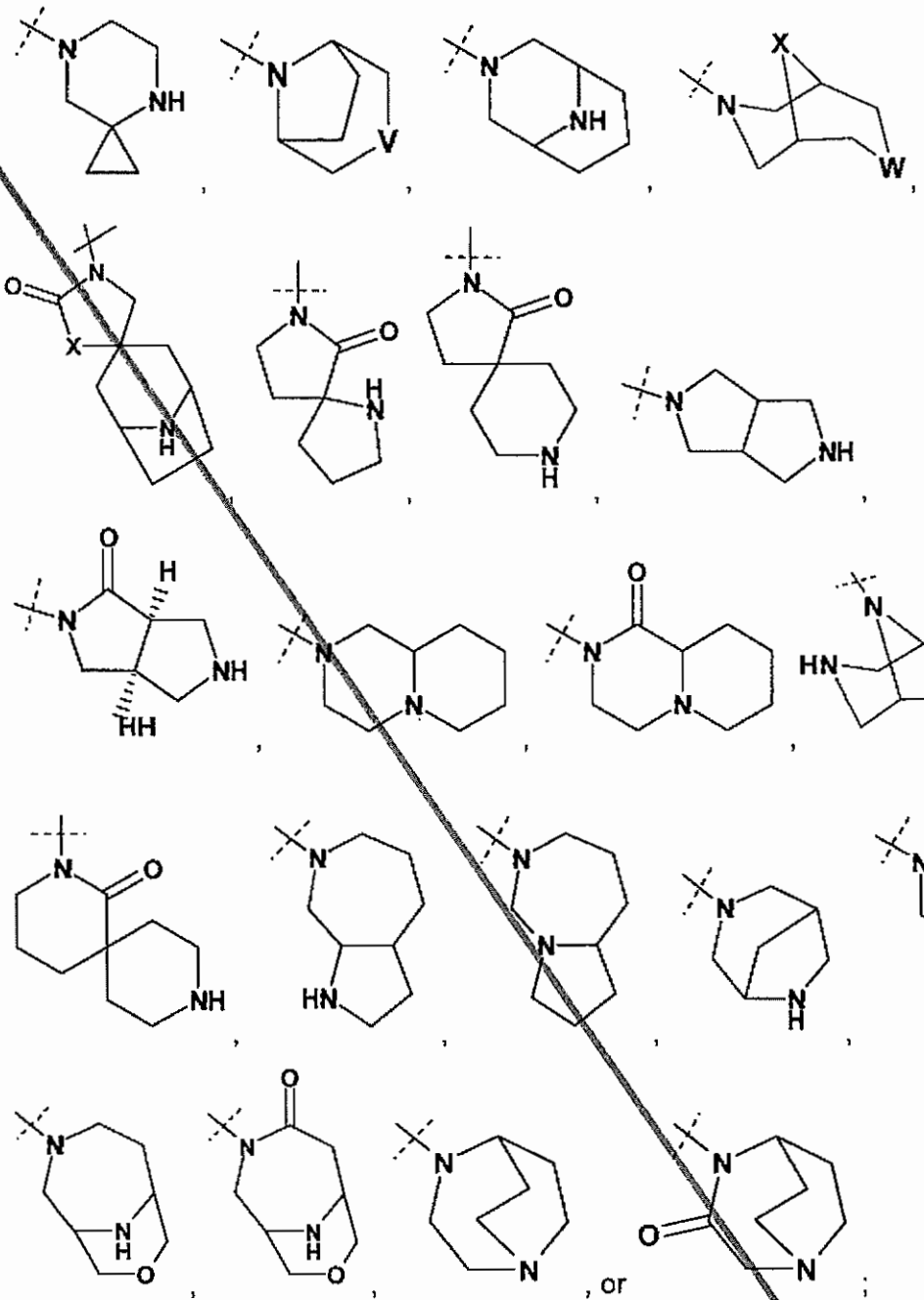
(I-B)

wherein

L is a bond or C(O);

R^{2Y} is





V is NH or CH_2;

X is O or CH_2;

W is O or NH;

m and n are each independently 1, 2, or 3 provided that m and n are not both 3; and each R^5 is optionally substituted with one to four substituents each independently selected from the group consisting of: C_{1-3} alkyl optionally substituted with one or two substituents each independently selected from the group consisting of hydroxy, NH_2, and -S-C_{1-3} alkyl; CD_3; C_{1-3} haloalkyl; hydroxy; NH_2; dimethylamino; benzyl; -C(O)-

C_{1-3}alkyl optionally substituted with one or two substituents each independently selected from the group consisting of NH_2, $-SCH_3$ and $NHC(O)CH_3$; $-S(O)_2-C_{1-4}$alkyl; pyrrolidinyl-C(O)-; and $-C(O)_2-C_{1-3}$alkyl; or a pharmaceutically acceptable salt thereof.

3. The compound according to any one of the preceding claims wherein L is C(O), or a pharmaceutically acceptable salt thereof.

4. The compound according to claim 1 or 2 wherein L is a bond, or a pharmaceutically acceptable salt thereof.

5. The compound according to any one of the preceding claims wherein A is CH and R^{11} is hydrogen; or a pharmaceutically acceptable salt thereof.

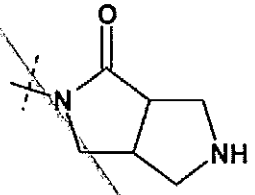
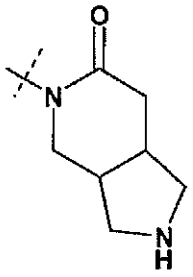
6. The compound according to any one of the preceding claims wherein R^4 is $C(R^5)(R^6)(R^7)$ and R^5, R^6, R^7, R^8, R^9 and R^{10} are hydrogen, or a pharmaceutically acceptable salt thereof.

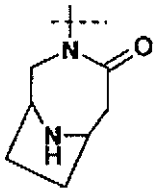
7. The compound according to to any one of the preceding claims wherein R^1 is C_{4-7} cycloalkyl optionally substituted with one C_{1-6} alkyl, or a pharmaceutically acceptable salt thereof.

8. The compound according to to any one of the preceding claims wherein R^1 is cyclobutyl, cyclopentyl, cyclohexyl, or cycloheptyl, or a pharmaceutically acceptable salt thereof.

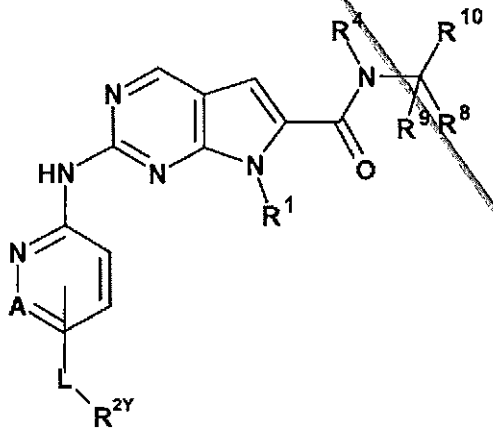
9. The compound according to to any one of the preceding claims wherein R^1 is unsubstituted cyclopentyl, or a pharmaceutically acceptable salt thereof.

10. The compound according to to any one of the preceding claims wherein R^{2Y} is unsubstituted, or a pharmaceutically acceptable salt thereof.

11. The compound according to any one of claims 1-9 wherein R^{2Y} is  or  either of which is optionally substituted with one C_{1-3} alkyl, or a pharmaceutically acceptable salt thereof.

12. The compound according to claim to any one of claims 1-9 wherein R^{2Y} is  optionally substituted with one C_{1-3} alkyl, or a pharmaceutically acceptable salt thereof.

13. The compound according to claim 1 of formula (I-C)



(I-C)

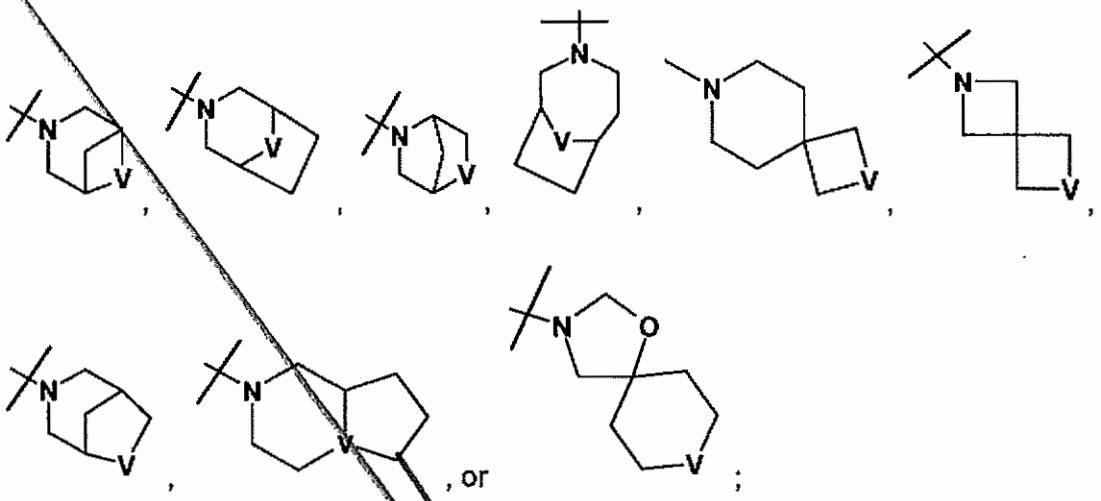
wherein:

R^1 is cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, each of which is optionally substituted with one of methyl, ethyl, or OH;

A is CH or N;

L is a bond, -C(O)-, or $S(O)_2$-;

R^{2Y} is



wherein each R^{2Y} is optionally substituted with one or two substituents independently selected from halogen, methyl, ethyl, or oxo;

V is NH or CH_2;

R^4 is hydrogen, deuterium, or $C(R^5)(R^6)(R^7)$; and

R^5, R^6, R^7, R^8, R^9 and R^{10} are each independently H or deuterium; or a pharmaceutically acceptable salt thereof.

14. The compound according to claim 13 wherein A is CH; or a pharmaceutically acceptable salt thereof.

15. The compound according to claim 14 wherein L is a bond; or a pharmaceutically acceptable salt thereof.

16. The compound according to claim 14 wherein L is –C(O)-; or a pharmaceutically acceptable salt thereof.

17. The compound according to claim 15 or 16 wherein R^4 is CH_3; and R^8, R^9 and R^{10} are H; or a pharmaceutically acceptable salt thereof.

18. The compound according to claim 17 wherein R^1 is cyclopentyl; or a pharmaceutically acceptable salt thereof.

19. The compound according to claim 13 selected from the group consisting of:

Cyclopentyl-2-(5-(9-hydroxy-1,5,7-trimethyl-3,7-diazabicyclo[3.3.1]nonane-3-carbonyl)pyridin-2-ylamino)-N,N-dimethyl-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
2-(5-(2,6-Diazaspiro[3.3]heptane-2-carbonyl)pyridin-2-ylamino)-7-cyclopentyl-N,N-dimethyl-7*H*-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-(4-tert-Butyl-phenyl)-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-(4-oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-((1R,6S)-4-oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cycloheptyl-2-[5-(2,5-diaza-bicyclo[2.2.1]heptane-2-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-8-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
2-(5-(2,7-diazaspiro[3.5]nonane-7-carbonyl)pyridin-2-ylamino)-7-cycloheptyl-N,N-dimethyl-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-cyclopentyl-2-[5-(8-methyl-3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-((*S*,*S*)-2,5-diaza-bicyclo[2.2.1]heptane-2-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid methylamide;
7-(3-tert-Butyl-phenyl)-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
2-(5-((1R,5S)-3-oxa-7,9-diazabicyclo[3.3.1]nonane-9-carbonyl)pyridin-2-ylamino)-7-cyclopentyl-N,N-dimethyl-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-[4-(Cyano-dimethyl-methyl)-phenyl]-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-8-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-((1S,6R)-3,9-diaza-bicyclo[4.2.1]nonane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-((1R,6S)-3,9-diaza-bicyclo[4.2.1]nonane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;

7-Cyclopentyl-2-[5-(3,6-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-(hexahydro-pyrrolo[1,2-a]pyrazine-2-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-cyclopentyl-N,N-dimethyl-2-(5-(5'-oxo-8-azaspiro[bicyclo[3.2.1]octane-3,3'-pyrrolidine]-1'-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-Cyclopentyl-2[5-(1-oxo-hexahydro-pyrrolo[1,2-a]pyrazin-2-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-cyclopentyl-N,N-dimethyl-2-(5-(2-oxo-1-oxa-3,8-diazaspiro[4.5]decan-3-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-Cyclopentyl-2-[5-((1S,6R)-4-oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
2-[5-(4-Oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7-phenyl-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide; and
7-cyclohexyl-N,N-dimethyl-2-(5-(4-oxo-3,9-diazabicyclo[4.2.1]nonan-3-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide; or a pharmaceutically acceptable salt thereof.

20. The compound according to claim 1 selected from the group consisting of:
7-Cyclopentyl-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide
7-Cyclopentyl-2-[5-((*S,S*)-2,5-diaza-bicyclo[2.2.1]heptane-2-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide
7-Cyclopentyl-2-[5-((1R,6S)-4-oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide
7-Cyclopentyl-2-[5-((1S,5S)-3,6-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclobutyl-2-[5-((1S,6R)-4-oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide
7-Cyclohexyl-2-[5-((1R,6S)-4-oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide
7-Cyclopentyl-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-6-methyl-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-4-methyl-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;

7-Cyclopentyl-2-[5-(3,9-diaza-bicyclo[3.3.1]nonane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-cyclopentyl-N,N-dimethyl-2-(5-(3-oxo-1,4-diazabicyclo[3.2.2]nonan-4-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide; and
7-cyclopentyl-N,N-dimethyl-2-(5-((1R,6S)-9-methyl-4-oxo-3,9-diazabicyclo[4.2.1]nonan-3-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide; or a pharmaceutically acceptable salt thereof.

21. The compound according to claim 1 selected from the group consisting of:
7-cyclopentyl-N,N-dimethyl-2-(5-((3aS,6aR)-1-oxohexahydropyrrolo[3,4-c]pyrrol-2(1H)-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-cyclopentyl-N,N-dimethyl-2-(5-((3aR,6aS)-1-oxohexahydropyrrolo[3,4-c]pyrrol-2(1H)-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-cycloheptyl-N,N-dimethyl-2-(5-(cis-6-oxotetrahydro-1H-pyrrolo[3,4-c]pyridin-5(6H,7H,7aH)-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-cyclopentyl-N,N-dimethyl-2-(5-(cis-6-oxotetrahydro-1H-pyrrolo[3,4-c]pyridin-5(6H,7H,7aH)-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-cyclopentyl-N,N-dimethyl-2-(5-(cis-6-oxotetrahydro-1H-pyrrolo[3,4-c]pyridin-5(6H,7H,7aH)-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide; and
7-cyclopentyl-N,N-dimethyl-2-(5-((3aR,6aS)-5-methyl-1-oxohexahydropyrrolo[3,4-c]pyrrol-2(1H)-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide; or a pharmaceutically acceptable salt thereof.

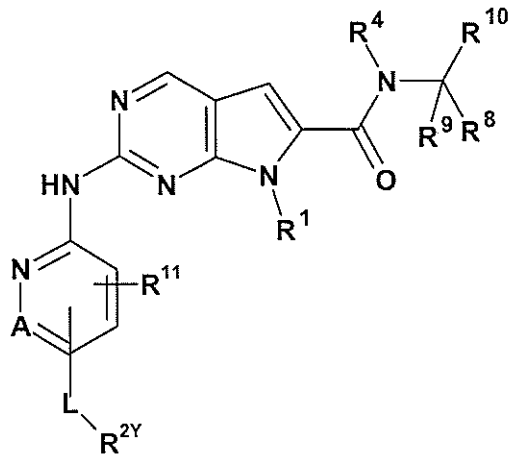
22. The compound according to claim 1 selected from the group consisting of:
7-cyclopentyl-N,N-dimethyl-2-(5-((1R,3r,5S)-2'-oxo-8-azaspiro[bicyclo[3.2.1]octane-3,5'-oxazolidine]-3'-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-cyclopentyl-N,N-dimethyl-2-(5-(2-oxo-1-oxa-3,8-diazaspiro[4.6]undecan-3-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-cyclopentyl-N,N-dimethyl-2-(5-(2-oxo-1-oxa-3,7-diazaspiro[4.5]decan-3-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-Cyclopentyl-2-[5-((S)-2-oxo-1-oxa-3,7-diaza-spiro[4.5]dec-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide; and
7-Cyclopentyl-2-[5-((R)-2-oxo-1-oxa-3,7-diaza-spiro[4.5]dec-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide; or a pharmaceutically acceptable salt thereof.

23. A pharmaceutical composition comprising a compound according to any one of the preceding claims, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier or excipient.

24. A method for the treatment of cancer in a patient in need of treatment thereof comprising an effective amount of a compound according to any one of the preceding claims or a pharmaceutically acceptable salt thereof.

Claims:

1. A compound according to formula (I)



(I)

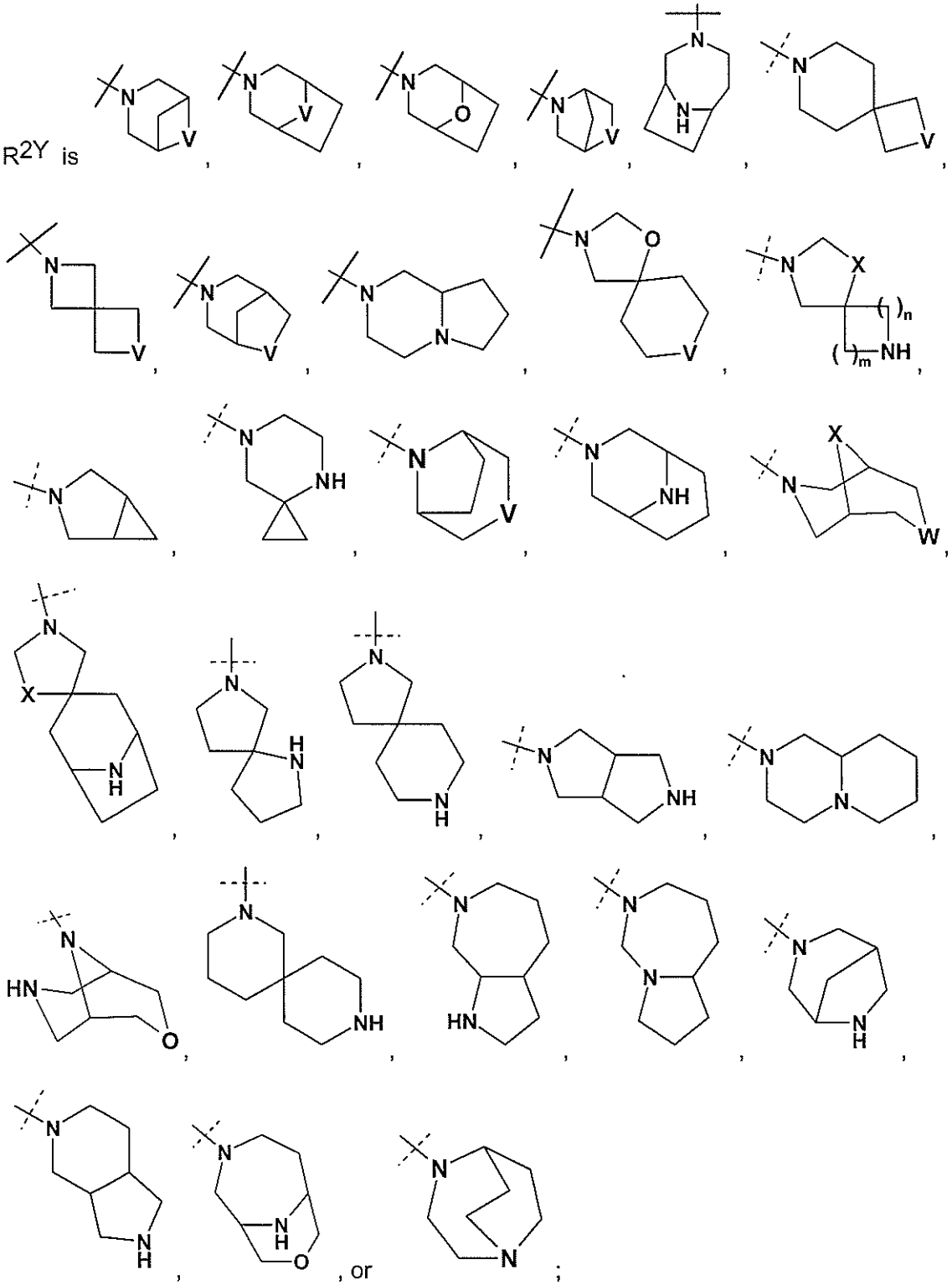
wherein:

R^1 is C $_{3-7}$ alkyl; C_{4-7} cycloalkyl optionally substituted with one substituent selected from the group consisting of C_{1-6} alkyl and OH; phenyl optionally substituted with one substitutent selected from the group consisting of C_{1-6} alkyl, $C(CH_3)_2CN$, and OH; piperidinyl optionally substituted with one cyclopropyl or C_{1-6} alkyl; tetrahydropyranyl optionally substituted with one cyclopropyl or C_{1-6} alkyl; or bicyclo[2.2.1]heptanyl;

A is CH or N;

R^{11} is hydrogen or C_{1-4} alkyl;

L is a bond, C(O), or $S(O)_2$;

R^{2Y} is , or ;

V is NH or CH_2;

X is O or CH_2;

W is O or NH;

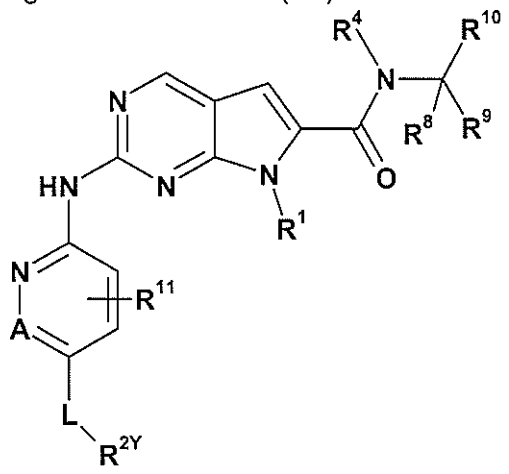
m and n are each independently 1, 2, or 3 provided that m and n are not both 3;

each R^{2Y} is optionally substituted with one to four substituents each independently selected from the group consisting of: C_{1-3} alkyl optionally substituted with one or two substituents each independently selected from the group consisting of hydroxy, NH_2, and -S-C_{1-3} alkyl; CD_3; halo; oxo; C_{1-3} haloalkyl; hydroxy; NH_2; dimethylamino; benzyl; -C(O)-C_{1-3}alkyl optionally substituted with one or two substituents each independently selected from the group consisting of NH_2, -SCH_3 and $NHC(O)CH_3$; -$S(O)_2$-C_{1-4}alkyl; and pyrrolidinyl-C(O)-;

R^4 is hydrogen, deuterium, or $C(R^5)(R^6)(R^7)$; and

R^5, R^6, R^7, R^8, R^9 and R^{10} are each independently H or deuterium; or a pharmaceutically acceptable salt thereof.

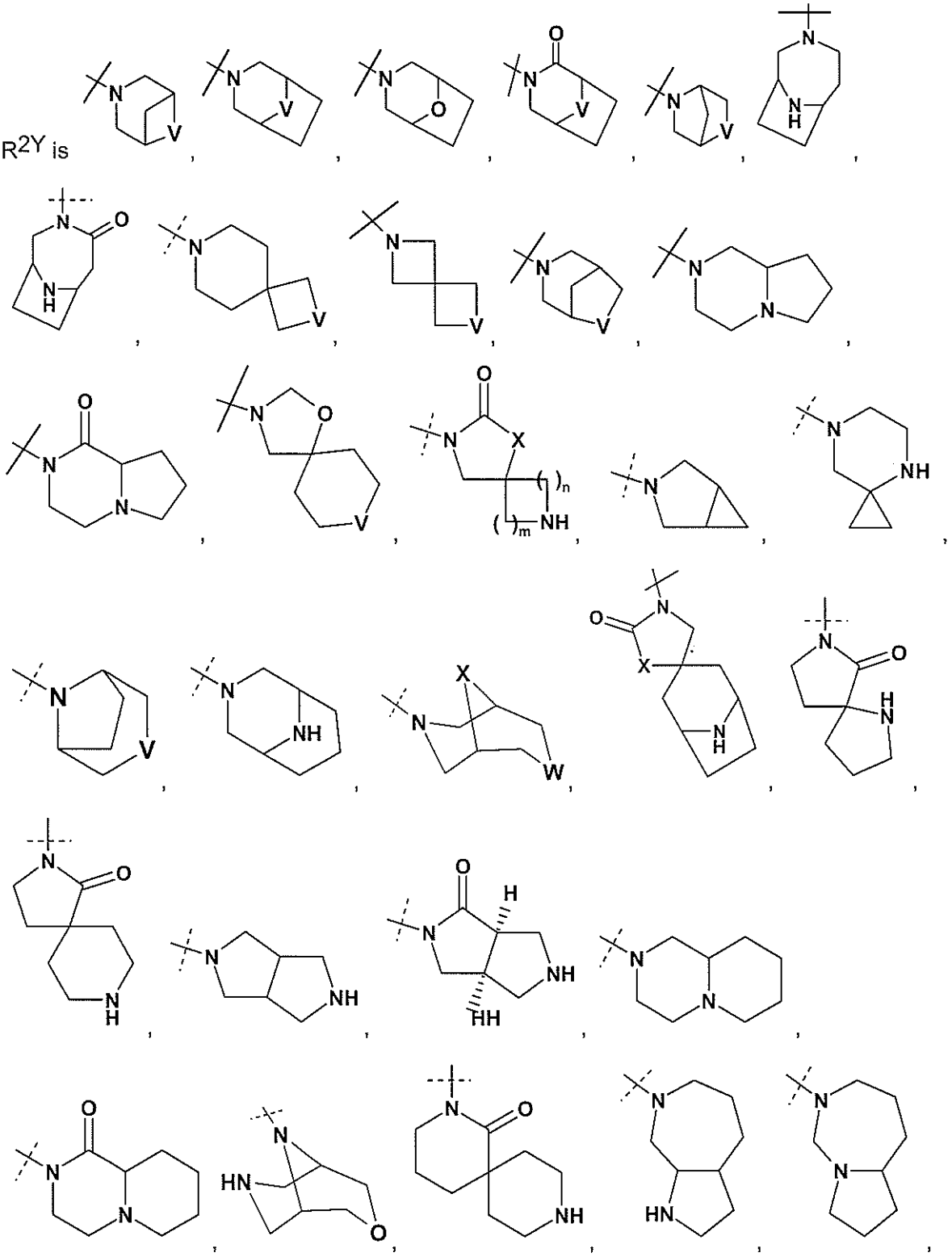
2. The compound according claim 1 of formula (I-B)

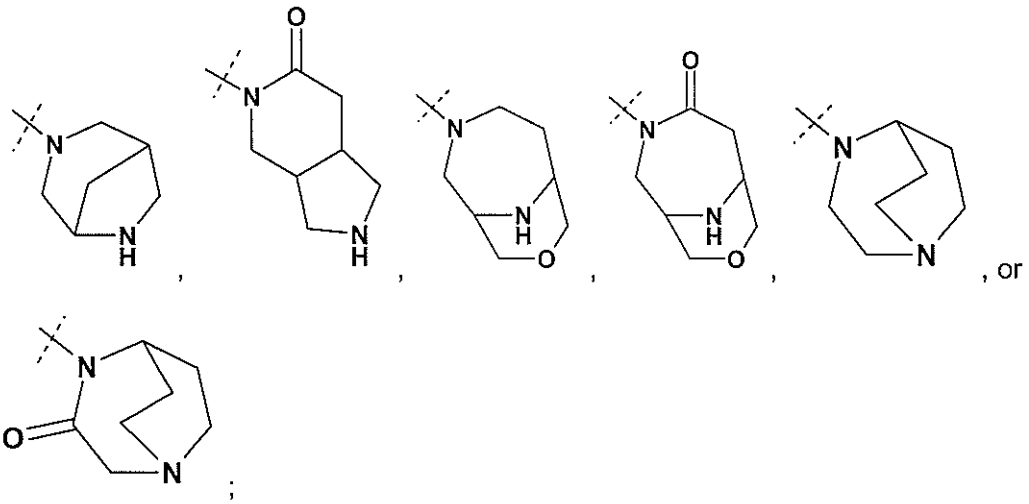


(I-B)

wherein

L is a bond or C(O);

R^{2Y} is 



V is NH or CH_2;

X is O or CH_2;

W is O or NH;

m and n are each independently 1, 2, or 3 provided that m and n are not both 3; and

each R^{2Y} is optionally substituted with one to four substituents each independently selected from the group consisting of: C_{1-3} alkyl optionally substituted with one or two substituents each independently selected from the group consisting of hydroxy, NH_2, and -S-C_{1-3} alkyl; CD_3; C_{1-3} haloalkyl; hydroxy; NH_2; dimethylamino; benzyl; -C(O)-C_{1-3}alkyl optionally substituted with one or two substituents each independently selected from the group consisting of NH_2, -SCH_3 and $NHC(O)CH_3$; -$S(O)_2$-C_{1-4}alkyl; and pyrrolidinyl-C(O)-; or a pharmaceutically acceptable salt thereof.

3. The compound according to claim 1 wherein L is C(O), or a pharmaceutically acceptable salt thereof.

4. The compound according to claim 1 wherein L is a bond, or a pharmaceutically acceptable salt thereof.

5. The compound according to claim 1 wherein A is CH and R^{11} is hydrogen; or a pharmaceutically acceptable salt thereof.

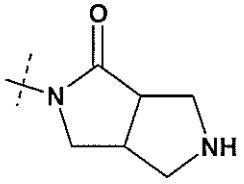
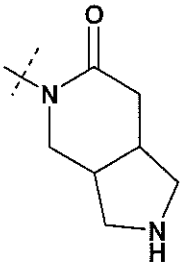
6. The compound according to claim 1 wherein R^4 is $C(R^5)(R^6)(R^7)$ and R^5, R^6, R^7, R^8, R^9 and R^{10} are hydrogen, or a pharmaceutically acceptable salt thereof.

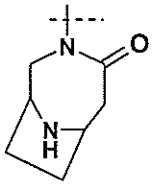
7. The compound according to claim 1 wherein R^1 is C_{4-7} cycloalkyl optionally substituted with one C_{1-6} alkyl, or a pharmaceutically acceptable salt thereof.

8. The compound according to claim 1 wherein R^1 is cyclobutyl, cyclopentyl, cyclohexyl, or cycloheptyl, or a pharmaceutically acceptable salt thereof.

9. The compound according to claim 1 wherein R^1 is unsubstituted cyclopentyl, or a pharmaceutically acceptable salt thereof.

10. The compound according to claim 1 wherein R^{2Y} is unsubstituted, or a pharmaceutically acceptable salt thereof.

11. The compound according to claim 1 wherein R^{2Y} is  or  either of which is optionally substituted with one C_{1-3} alkyl, or a pharmaceutically acceptable salt thereof.

12. The compound according to claim 1 wherein R^{2Y} is  optionally substituted with one C_{1-3} alkyl, or a pharmaceutically acceptable salt thereof.

13. The compound according to claim 1 selected from the group consisting of:
2-(5-(2,6-Diazaspiro[3.3]heptane-2-carbonyl)pyridin-2-ylamino)-7-cyclopentyl-N,N-dimethyl-7*H*-pyrrolo[2,3-d]pyrimidine-6-carboxamide;

7-(4-tert-Butyl-phenyl)-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-(4-oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-((1R,6S)-4-oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cycloheptyl-2-[5-(2,5-diaza-bicyclo[2.2.1]heptane-2-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-8-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
2-(5-(2,7-diazaspiro[3.5]nonane-7-carbonyl)pyridin-2-ylamino)-7-cycloheptyl-N,N-dimethyl-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-cyclopentyl-2-[5-(8-methyl-3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-((*S,S*)-2,5-diaza-bicyclo[2.2.1]heptane-2-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid methylamide;
7-(3-tert-Butyl-phenyl)-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
2-(5-((1R,5S)-3-oxa-7,9-diazabicyclo[3.3.1]nonane-9-carbonyl)pyridin-2-ylamino)-7-cyclopentyl-N,N-dimethyl-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-[4-(Cyano-dimethyl-methyl)-phenyl]-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-8-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-((1S,6R)-3,9-diaza-bicyclo[4.2.1]nonane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-((1R,6S)-3,9-diaza-bicyclo[4.2.1]nonane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-(3,6-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-cyclopentyl-N,N-dimethyl-2-(5-(5'-oxo-8-azaspiro[bicyclo[3.2.1]octane-3,3'-pyrrolidine]-1'-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-Cyclopentyl-2[5-(1-oxo-hexahydro-pyrrolo[1,2-a]pyrazin-2-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;

7-cyclopentyl-N,N-dimethyl-2-(5-(2-oxo-1-oxa-3,8-diazaspiro[4.5]decan-3-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-Cyclopentyl-2-[5-((1S,6R)-4-oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
2-[5-(4-Oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7-phenyl-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide; and
7-cyclohexyl-N,N-dimethyl-2-(5-(4-oxo-3,9-diazabicyclo[4.2.1]nonan-3-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide; or a pharmaceutically acceptable salt thereof.

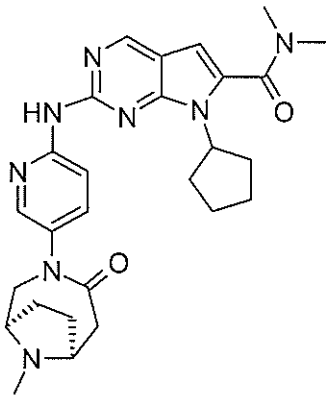
14. The compound according to claim 1 selected from the group consisting of:
7-Cyclopentyl-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-((*S,S*)-2,5-diaza-bicyclo[2.2.1]heptane-2-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-((1R,6S)-4-oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-((1S,5S)-3,6-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclobutyl-2-[5-((1S,6R)-4-oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclohexyl-2-[5-((1R,6S)-4-oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-6-methyl-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-4-methyl-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-Cyclopentyl-2-[5-(3,9-diaza-bicyclo[3.3.1]nonane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide;
7-cyclopentyl-N,N-dimethyl-2-(5-(3-oxo-1,4-diazabicyclo[3.2.2]nonan-4-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide; and
7-cyclopentyl-N,N-dimethyl-2-(5-((1R,6S)-9-methyl-4-oxo-3,9-diazabicyclo[4.2.1]nonan-3-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide; or a pharmaceutically acceptable salt thereof.

15. The compound according to claim 1 selected from the group consisting of:
7-cyclopentyl-N,N-dimethyl-2-(5-((3aS,6aR)-1-oxohexahydropyrrolo[3,4-c]pyrrol-2(1H)-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-cyclopentyl-N,N-dimethyl-2-(5-((3aR,6aS)-1-oxohexahydropyrrolo[3,4-c]pyrrol-2(1H)-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide; and
7-cyclopentyl-N,N-dimethyl-2-(5-((3aR,6aS)-5-methyl-1-oxohexahydropyrrolo[3,4-c]pyrrol-2(1H)-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide; or a pharmaceutically acceptable salt thereof.

16. The compound according to claim 1 selected from the group consisting of:
7-cyclopentyl-N,N-dimethyl-2-(5-((1R,3r,5S)-2'-oxo-8-azaspiro[bicyclo[3.2.1]octane-3,5'-oxazolidine]-3'-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-cyclopentyl-N,N-dimethyl-2-(5-(2-oxo-1-oxa-3,8-diazaspiro[4.6]undecan-3-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-cyclopentyl-N,N-dimethyl-2-(5-(2-oxo-1-oxa-3,7-diazaspiro[4.5]decan-3-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide;
7-Cyclopentyl-2-[5-((S)-2-oxo-1-oxa-3,7-diaza-spiro[4.5]dec-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide; and
7-Cyclopentyl-2-[5-((R)-2-oxo-1-oxa-3,7-diaza-spiro[4.5]dec-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide; or a pharmaceutically acceptable salt thereof.

17. A pharmaceutical composition comprising a compound according to claim 1, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier or excipient.

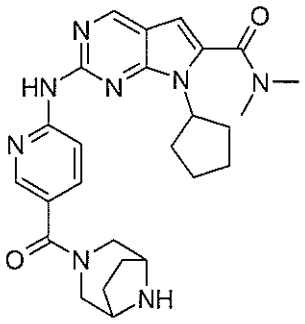
18. A compound 7-cyclopentyl-N,N-dimethyl-2-(5-((1R,6S)-9-methyl-4-oxo-3,9-diazabicyclo[4.2.1]nonan-3-yl)pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide having the following formula:



; or a pharmaceutically acceptable salt thereof.

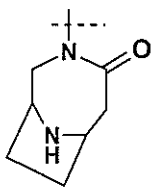
19. A pharmaceutical composition comprising a compound according to claim 18, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier or excipient.

20. A compound 7-Cyclopentyl-2-[5-(3,8-diaza-bicyclo[3.2.1]octane-3-carbonyl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide having the following formula:

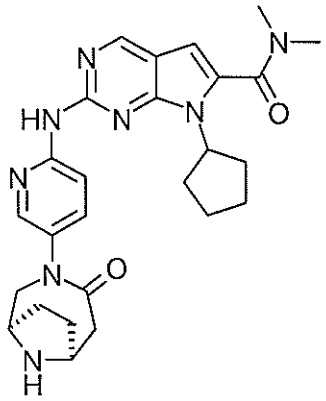


; or a pharmaceutically acceptable salt thereof.

21. A pharmaceutical composition comprising a compound according to claim 20, or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable carrier or excipient.

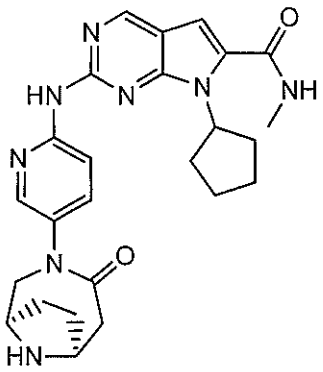
22. The compound according to claim 1 wherein A is CH; R^{11} is hydrogen; L is a bond and R^{2Y} is  ; or a pharmaceutically acceptable salt thereof.

23. A compound 7-Cyclopentyl-2-[5-((1R,6S)-4-oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide having the following formula:



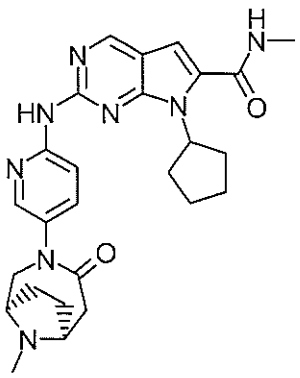
; or a pharmaceutically acceptable salt thereof.

24. A compound 7-Cyclopentyl-2-[5-((1R,6S)-4-oxo-3,9-diaza-bicyclo[4.2.1]non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid methylamide having the following formula:



; or a pharmaceutically acceptable salt thereof.

25. A compound 7-cyclopentyl-2-[5-((1R,6S)-9-methyl-4-oxo-3,9-diaza-bicyclo[4.2.1] non-3-yl)-pyridin-2-ylamino]-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid methylamide having the following formula:



; or a pharmaceutically acceptable salt thereof.