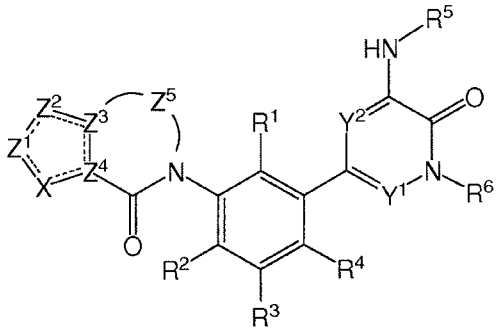
We Claim:

1. A compound selected from Formula I:



I

or stereoisomers, tautomers, or pharmaceutically acceptable salts thereof, wherein:

R^1 is H, D, F, Cl, CN, $-NH_2$, $-NHCH_3$, $-N(CH_3)_2$, $-OH$, $-OCH_3$, $-OCH_2CH_3$, $-OCH_2CH_2OH$, heteroaryl selected from imidazolyl and pyrazolyl, heterocyclyl selected from oxetanyl and azetidinyl, and C_1–C_3 alkyl;

R^2, R^3 and R^4 are independently selected from H, D, F, Cl, $-NH_2$, $-NHCH_3$, $-N(CH_3)_2$, $-OH$, $-OCH_3$, $-OCH_2CH_3$, $-OCH_2CH_2OH$, and C_1–C_3 alkyl;

R^5 is optionally substituted C_6–C_{20} aryl, C_3–C_{12} carbocyclyl, C_2–C_{20} heterocyclyl, C_1–C_{20} heteroaryl, –(C_6–C_{20} aryl)–(C_2–C_{20} heterocyclyl), –(C_1–C_{20} heteroaryl)–(C_2–C_{20} heterocyclyl), –(C_1–C_{20} heteroaryl)–(C_1–C_6 alkyl), or –(C_1–C_{20} heteroaryl)–C(=O)–(C_2–C_{20} heterocyclyl);

R^6 is H, F, $-NH_2$, $-OH$, or optionally substituted C_1–C_3 alkyl;

X is S, S(=O), $S(=O)_2$, N, NR^6, O, or CR^7;

R^7 is independently selected from H, D, F, Cl, $-CH_3$, $-CH_2CH_3$, $-CN$, $-CH_2F$, $-CHF_2$, $-CF_3$, $-NH_2$, $-OH$, and $-OCH_3$;

Y^1 and Y^2 are independently selected from CR^6 and N;

Z^1, Z^2, Z^3, and Z^4 are independently selected from C, CR^7, and N;

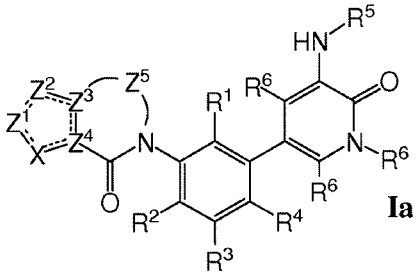
Z^5 is selected from $-C(R^3)_2-$, $-C(=O)-$, $-N(R^6)-$, $-C(R^3)_2C(R^3)_2-$, $-C(R^3)_2C(=O)-$, $-CR^3=CR^3-$, $-CR^3=N-$, $-N(R^6)C(R^3)_2-$, $-N(R^6)C(R^3)_2C(R^3)_2-$, and $-OC(R^3)_2C(R^3)_2-$;

one of Z^1 and Z^2, or X and Z^1, where X is not S, S(=O), or $S(=O)_2$, forms a five-, six-, or seven-membered aryl, carbocyclyl, heterocyclyl or heteroaryl ring;

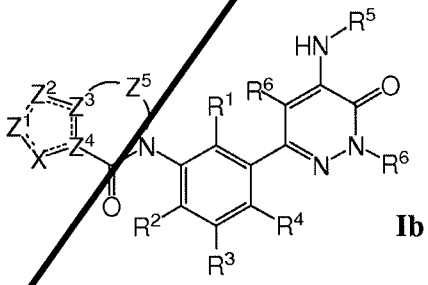
where alkyl, carbocyclyl, heterocyclyl, aryl, and heteroaryl are optionally substituted with one or more groups independently selected from D, F, Cl, Br, I, $-CH_3$, $-CH_2CH_3$, –

$CH_2CH(CH_3)_2$, $-CH_2OH$, $-CH_2CH_2OH$, $-C(CH_3)_2OH$, $-CH(OH)CH(CH_3)_2$, $-C(CH_3)_2CH_2OH$, $-CH_2CH_2SO_2CH_3$, $-CH_2OP(O)(OH)_2$, $-CN$, $-CH_2F$, $-CHF_2$, $-CF_3$, $-CO_2H$, $-COCH_3$, $-CO_2CH_3$, $-CO_2C(CH_3)_3$, $-COCH(OH)CH_3$, $-CONH_2$, $-CONHCH_3$, $-CON(CH_3)_2$, $-C(CH_3)_2CONH_2$, $-NO_2$, $-NH_2$, $-NHCH_3$, $-N(CH_3)_2$, $-NHCOCH_3$, $-N(CH_3)COCH_3$, $-NHS(O)_2CH_3$, $-N(CH_3)C(CH_3)_2CONH_2$, $-N(CH_3)CH_2CH_2S(O)_2CH_3$, =O, $-OH$, $-OCH_3$, $-OCH_2CH_2N(CH_3)_2$, $-OP(O)(OH)_2$, $-S(O)_2N(CH_3)_2$, $-SCH_3$, $-CH_2OCH_3$, $-S(O)_2CH_3$, cyclopropyl, azetidinyl, 1-methylazetidin-3-yl)oxy, N-methyl-N-oxetan-3-ylamino, azetidin-1-ylmethyl, oxetanyl, and morpholino.

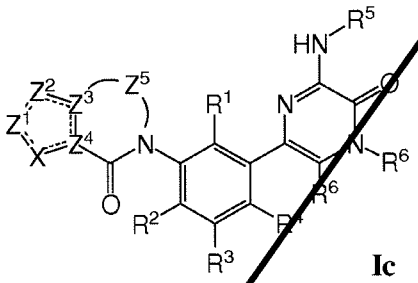
2. The compound of claim 1 selected from Formulas Ia-c:



Ia

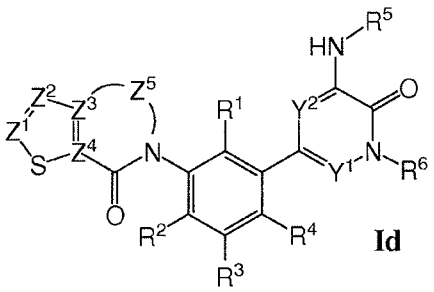


Ib

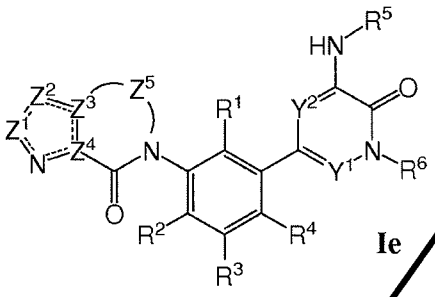


Ic

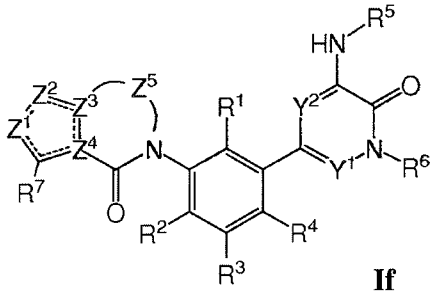
3. The compound of claim 1 selected from Formulas Id-f:



Id

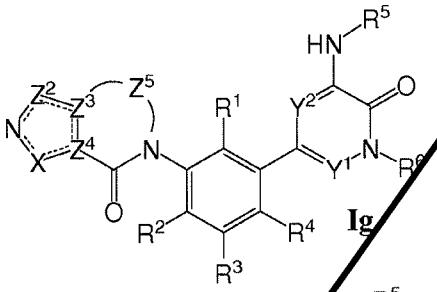


Ie

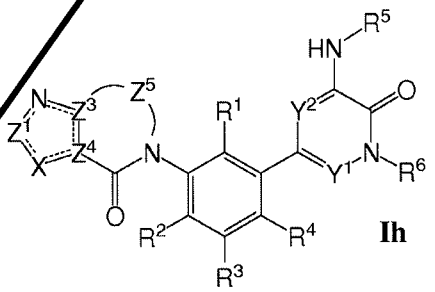


If

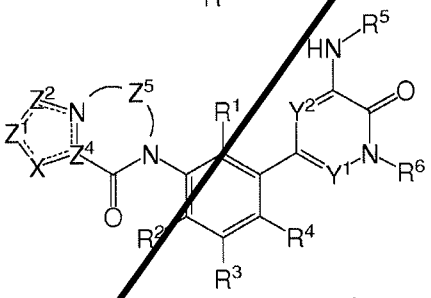
4. The compound of claim 1 selected from Formulas Ig-n:



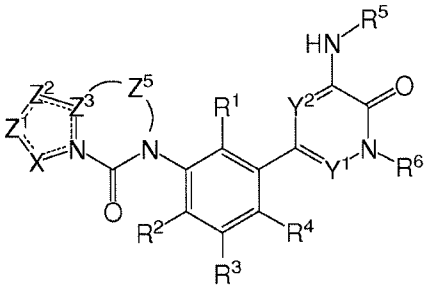
Ig



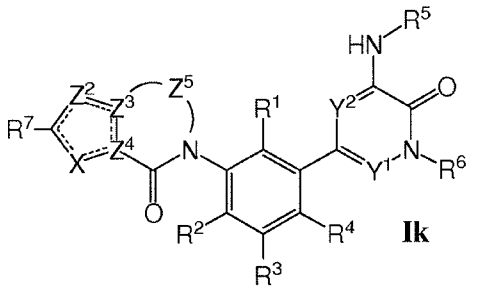
Ih



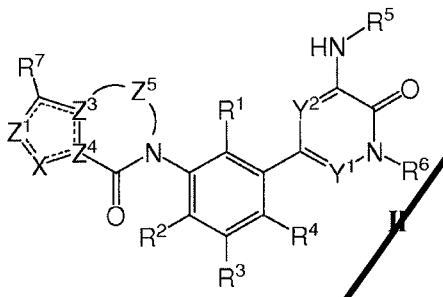
Ii



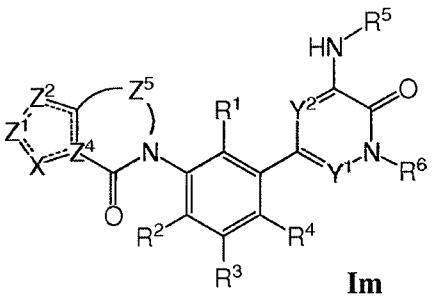
Ij



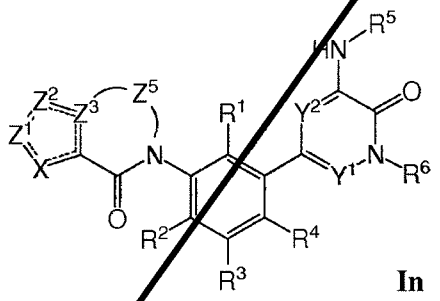
Ik



Il

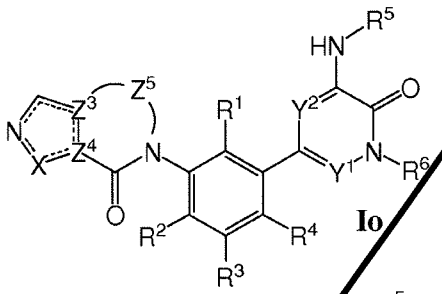


Im

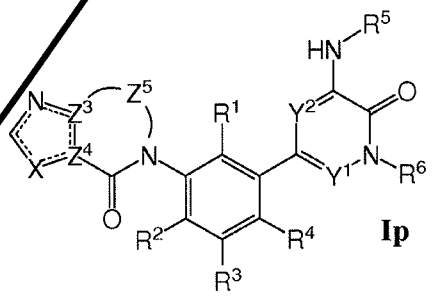


In

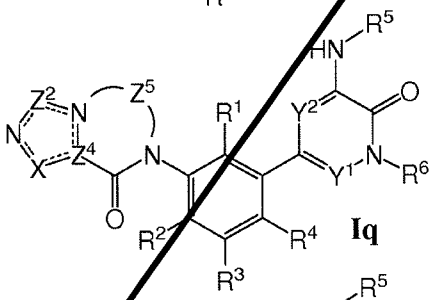
5. The compound of claim 1 selected from Formulas Io-t:



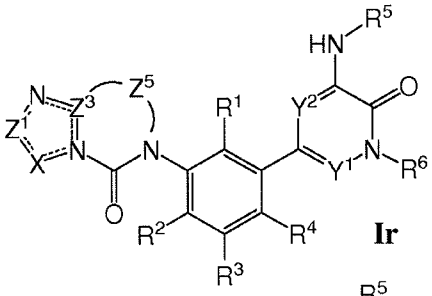
Io



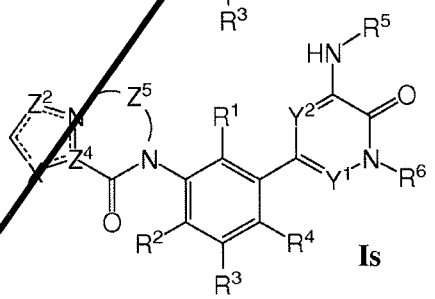
Ip



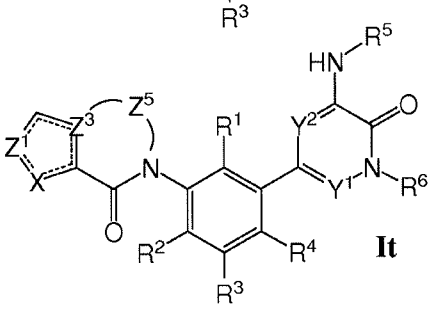
Iq



Ir

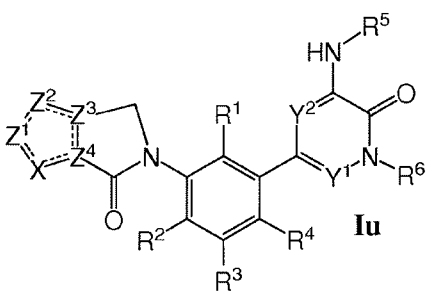


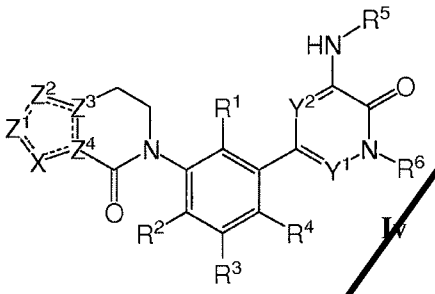
Is

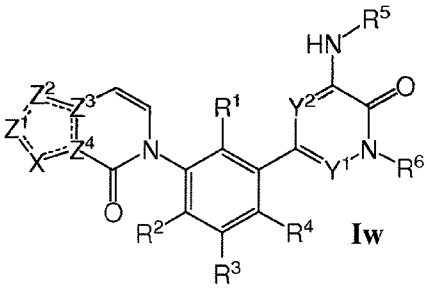


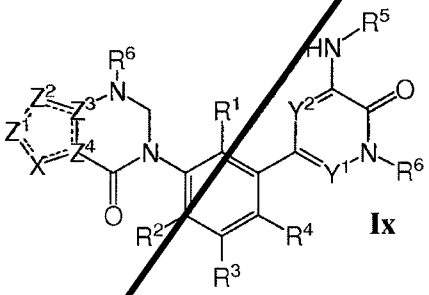
It

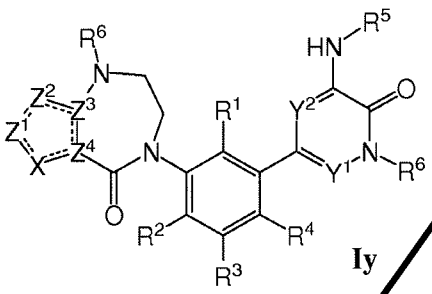
6. The compound of claim 1 selected from Formulas Iu-z:

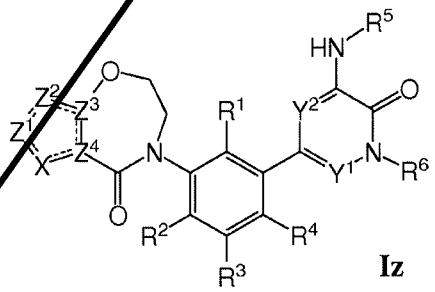

Iu


Iv

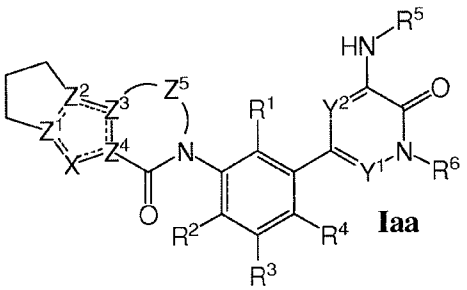

Iw


Ix

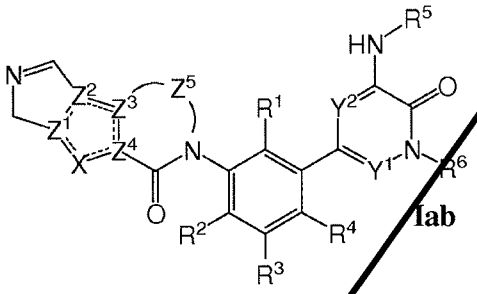

Iy


Iz

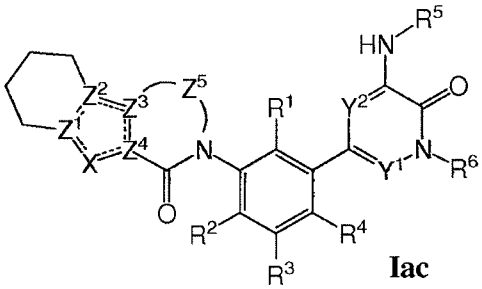
7. The compound of claim 1 where Z^1 and Z^2 forms a five-, six-, or seven-membered aryl, carbocyclyl, heterocyclyl or heteroaryl ring, and selected from Formulas Iaa-ap:



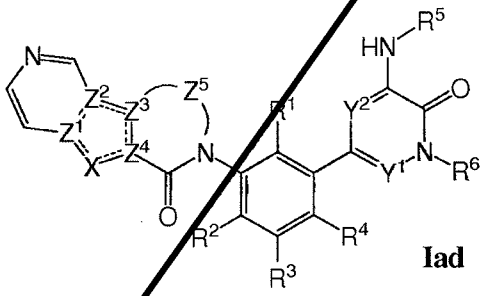
Iaa



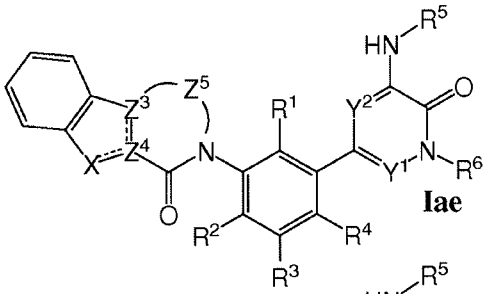
Iab



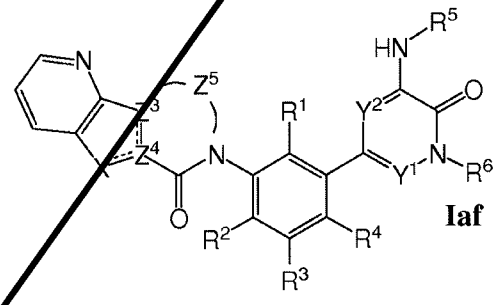
Iac



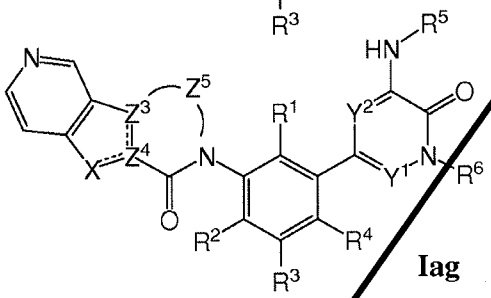
Iad



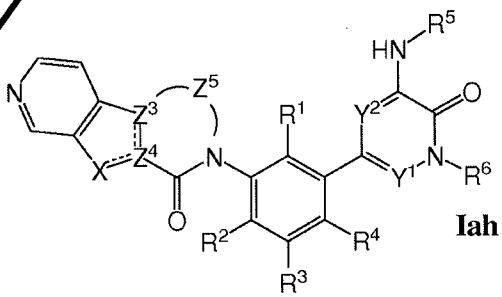
Iae



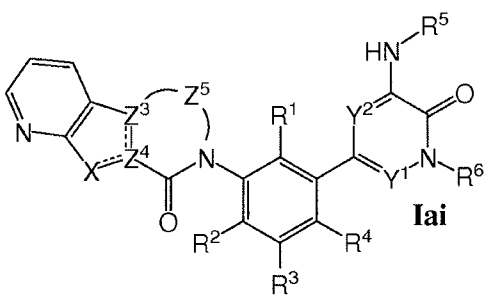
Iaf

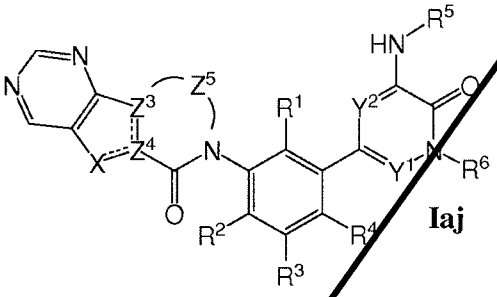


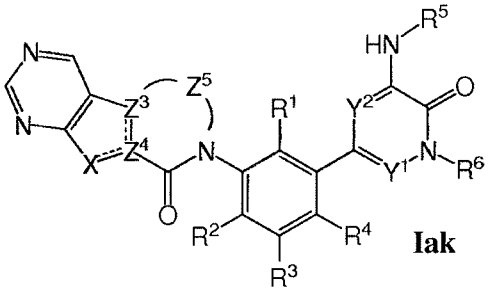
Iag

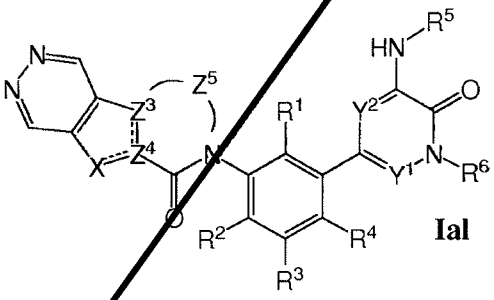


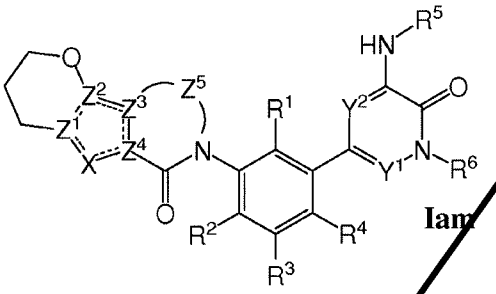
Iah

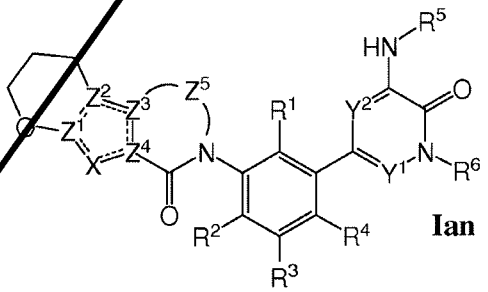

Iai

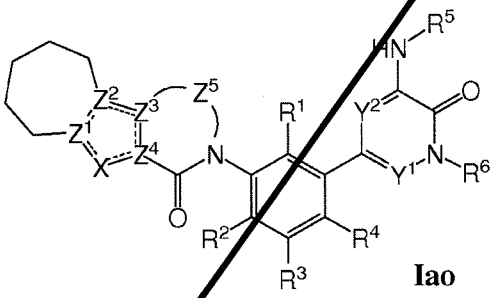

Iaj

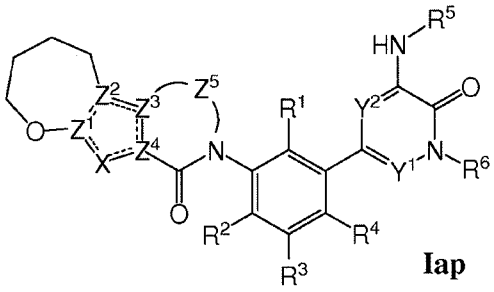

Iak


Ial

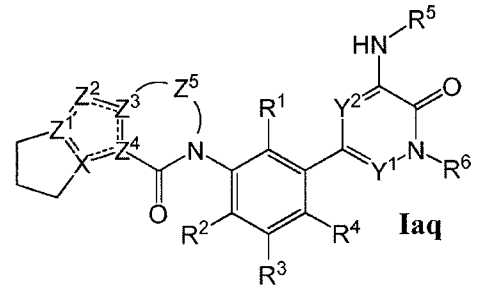

Iam


Ian

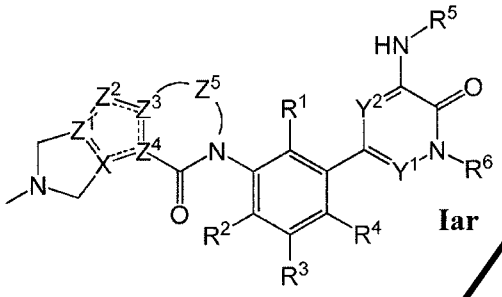

Iao


Iap

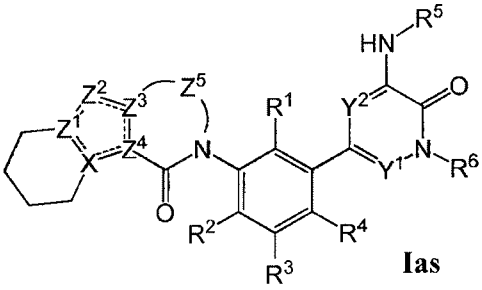
8. The compound of claim 1 where X and Z^1, and X is not S, forms a five-, six-, or seven-membered aryl, carbocyclyl, heterocyclyl or heteroaryl ring, and selected from Formulas Iaq-bf:



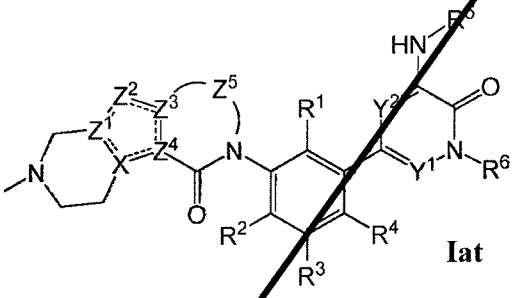
Iaq



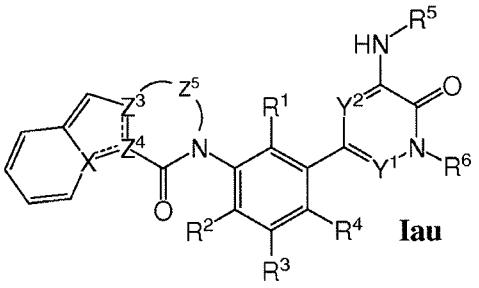
Iar



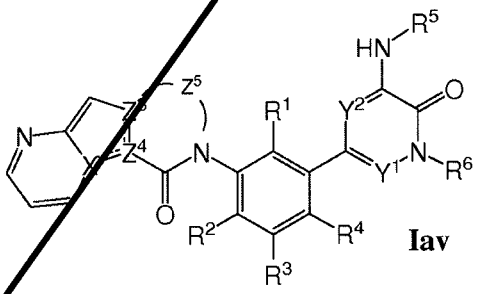
Ias



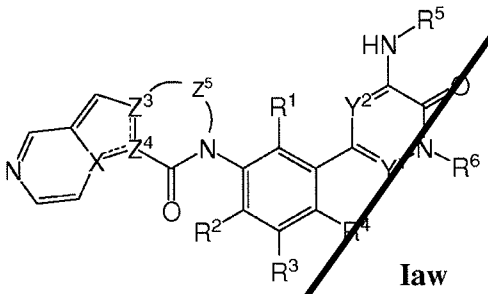
Iat



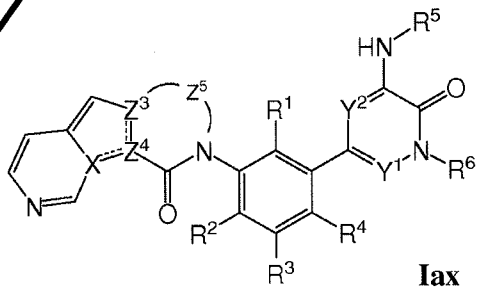
Iau



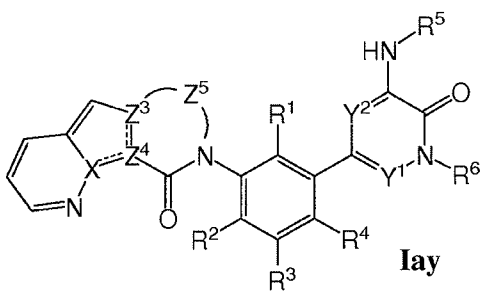
Iav



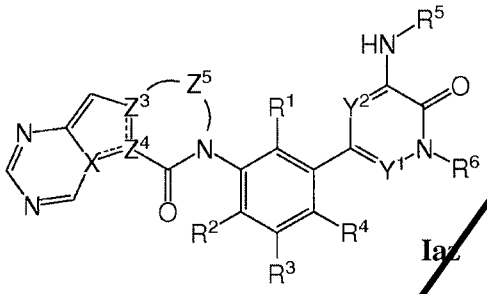
Iaw



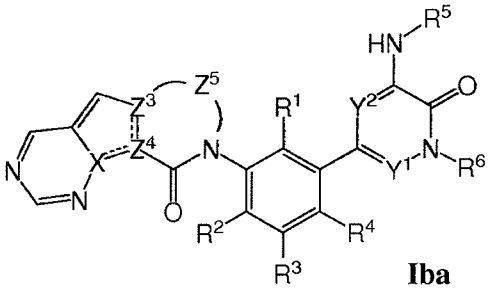
Iax



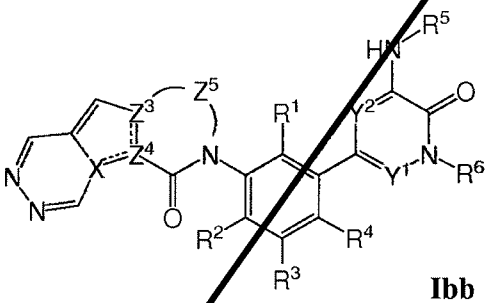
Iay



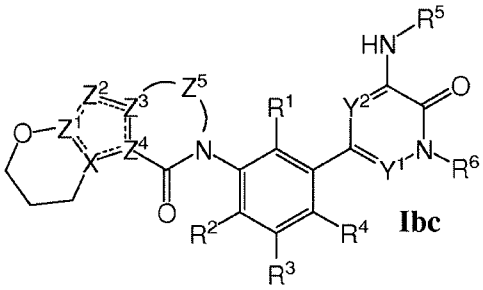
Iaz



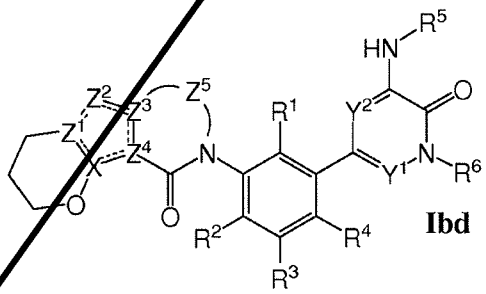
Iba



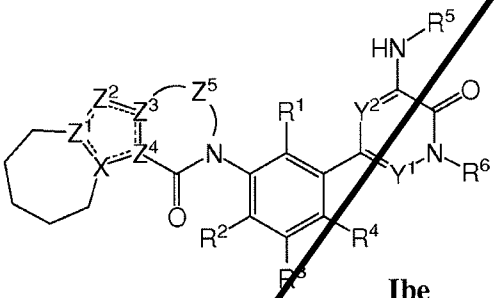
Ibb



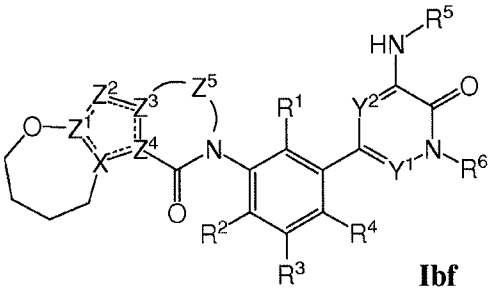
Ibc



Ibd

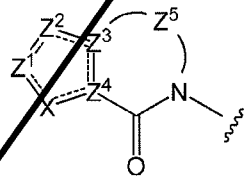


Ibe

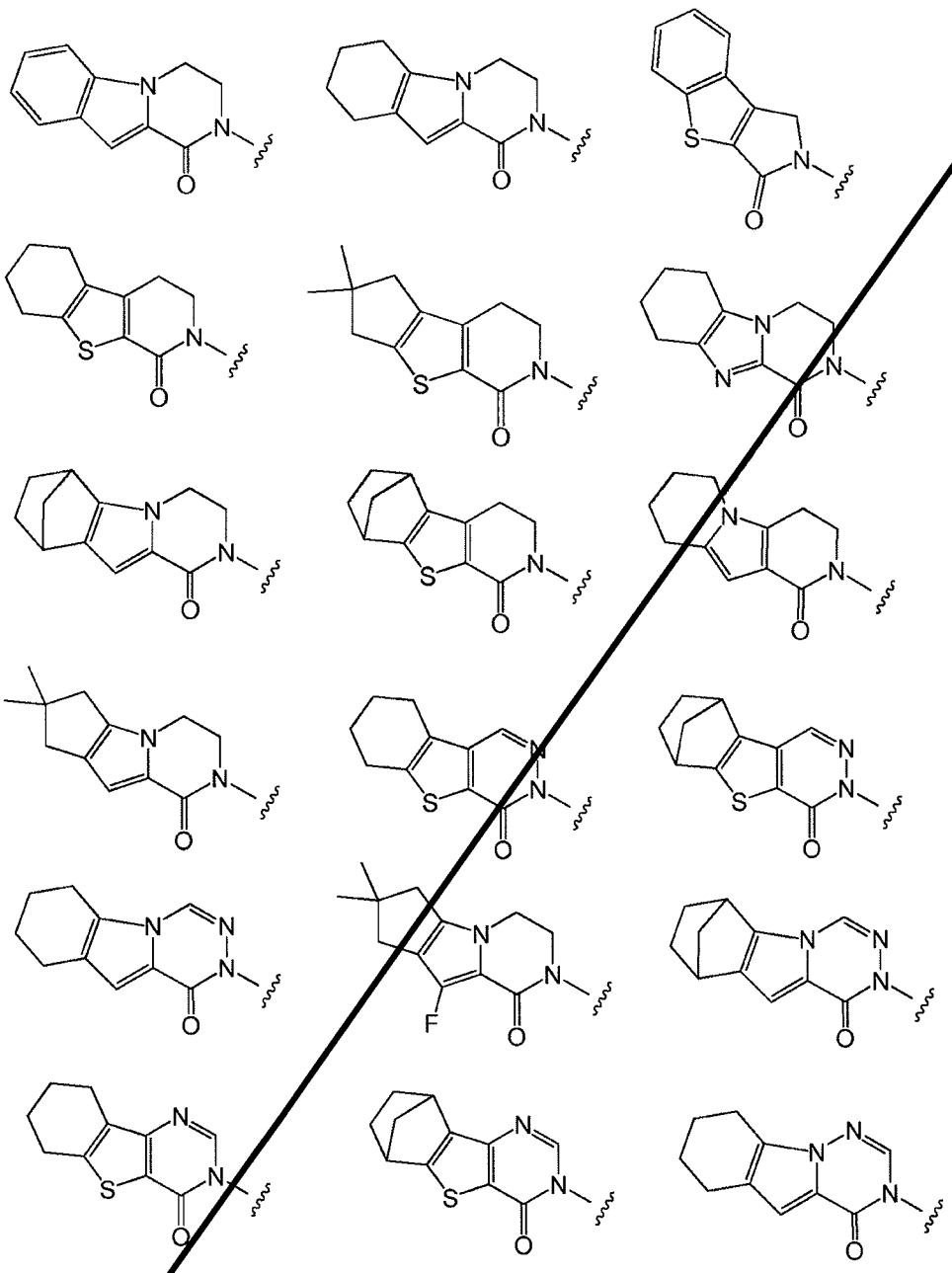


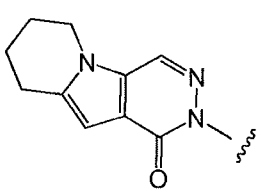
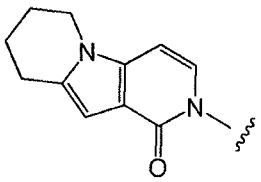
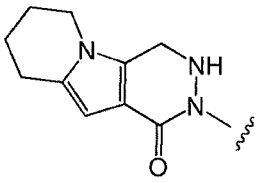
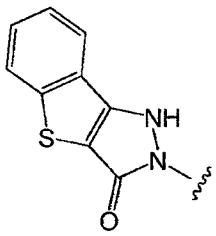
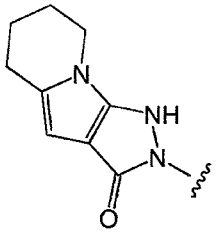
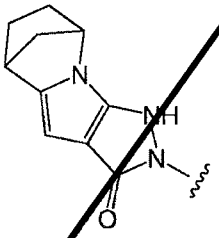
Ibf

9. The compound of claim 1 where the group:



forms the structures:



where the wavy line indicates the site of attachment.

10. The compound of claims 1 to 8 wherein R^1, R^2, R^3, and R^4 are each H.

11. The compound of claim 1 wherein R^1 is selected from F, $-CH_3$, $-CH_2F$, $-CHF_2$, and $-CF_3$.

12. The compound of claims 1 to 8 wherein R^1 is $-CH_2OH$.

13. The compound of claims 1 to 8 wherein R^3 is F.

14. The compound of claims 1 to 8 wherein R^1 is $-CH_2OH$, R^2 and R^4 are each H, and R^3 is F.

15. The compound of claims 1 to 8 wherein R^5 is optionally substituted C_6–C_{20} aryl selected from phenyl and naphthyl.

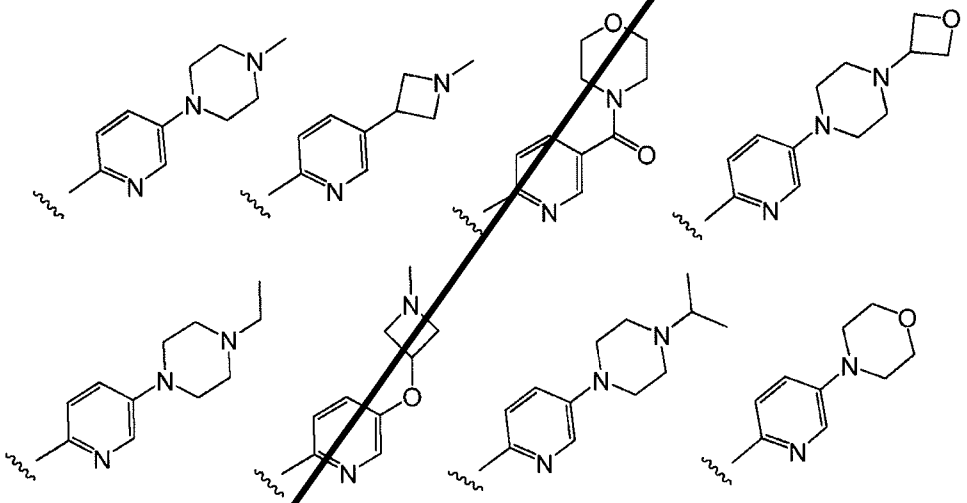
16. The compound of claims 1 to 8 wherein R^5 is optionally substituted C_3–C_{12} carbocyclyl selected from cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, and cycloheptyl.

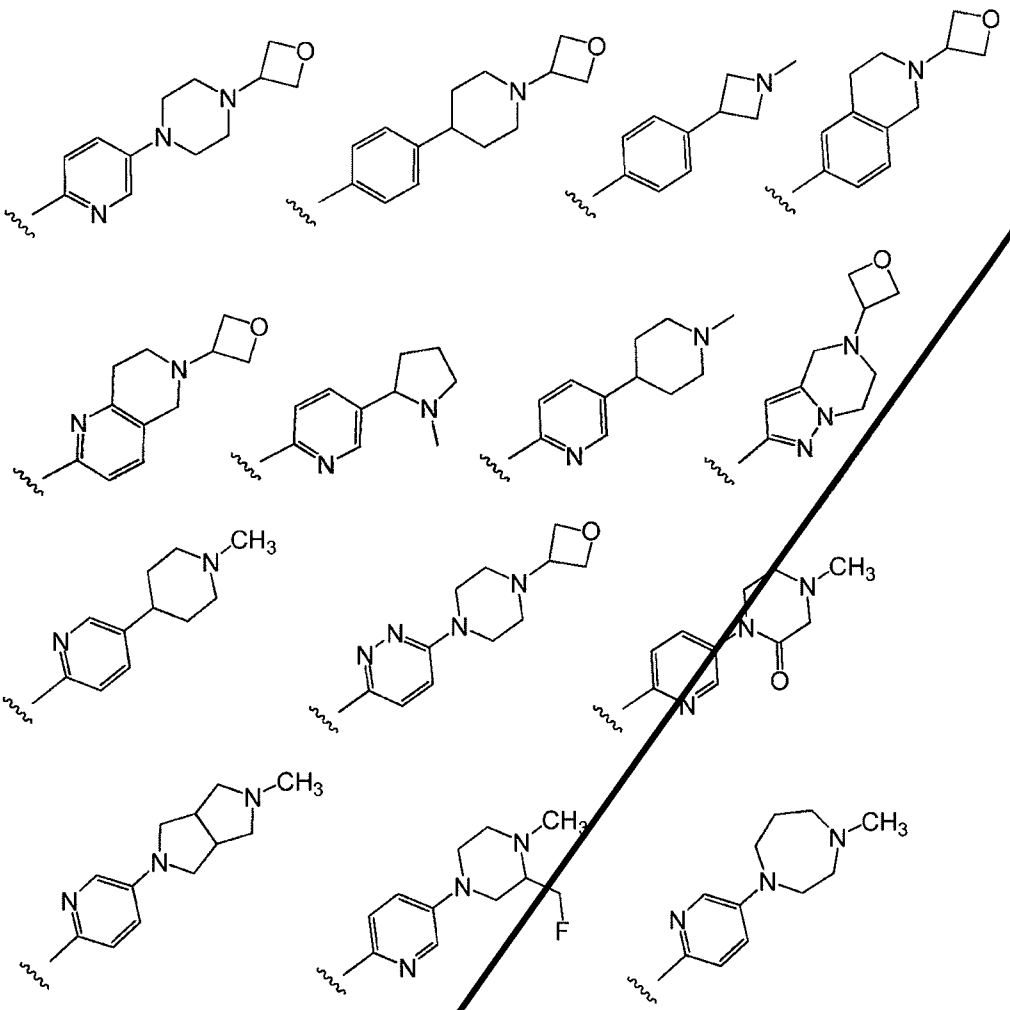
17. The compound of claims 1 to 8 wherein R^5 is optionally substituted C_2–C_{20} heterocyclyl selected from oxetanyl, azetidinyl, pyrrolidinyl, tetrahydrofuryl, piperidinyl, piperazinyl, morpholinyl, and tetrahydropyranyl.

18. The compound of claims 1 to 8 wherein R^5 is optionally substituted C_1–C_{20} heteroaryl selected from pyrazolyl, pyridinyl, pyrimidinyl, 5-methyl-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrazin-2-yl, 5-acetyl-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrazin-2-yl, 6,7-dihydro-4H-pyrazolo[5,1-c][1,4]oxazin-2-yl, and 1-methyl-5-(5-(4-methylpiperazin-1-yl)pyridin-2-yl.

19. The compound of claim 18 wherein R^5 is substituted with one or more groups selected from F, Cl, $-CH_3$, cyclopropyl, azetidinyl, oxetanyl, and morpholino.

20. The compound of claims 1 to 8 wherein R^5 is selected from the structures:





where the wavy line indicates the site of attachment.

21. The compound of claims 1 to 8 wherein R^6 is H.

22. The compound of claim 1 wherein X is S.

23. The compound of claim 1 wherein X is N.

24. The compound of claim 1 wherein X is CR^7.

25. The compound of claim 1 wherein Y^1 is CR^6 and Y^2 is N.

26. The compound of claim 1 wherein Y^1 is N and Y^2 is CR^6.

27. The compound of claim 1 wherein Y^1 and Y^2 are each CR^6.

28. The compound of claim 1 selected from:

2-(2-methyl-3-(5-(5-methyl-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrazin-2-ylamino)-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(2-methyl-3-(5-(5-methyl-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrazin-2-ylamino)-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)-3,4-dihydropyrazino[1,2-a]indol-1(2H)-one;

4-{2-Methyl-3-[1-methyl-5-({5-methyl-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl}amino)-6-oxo-1,6-dihydropyridazin-3-yl]phenyl}-7-thia-4-azatricyclo[6.4.0.$0^{2,6}$]dodeca-1(8),2(6),9,11-tetraen-5-one;

5-[2-(Hydroxymethyl)-3-[1-methyl-6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridin-3-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.$0^{2,7}$]trideca-1(9),2(7)-dien-6-one;

10-[2-(Hydroxymethyl)-3-[1-methyl-6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.02,6]dodeca-1(8),2(6)-dien-9-one;

2-(3-(5-(5-cyclopropyl-1H-pyrazol-3-ylamino)-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-2-(hydroxymethyl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(2-(hydroxymethyl)-3-(1-methyl-5-(5-morpholinopyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(3-(5-(5-acetyl-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrazin-2-ylamino)-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-2-(hydroxymethyl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(2-(hydroxymethyl)-3-(1-methyl-6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(3-(5-(6,7-dihydro-4H-pyrazolo[5,1-c][1,4]oxazin-2-ylamino)-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-2-(hydroxymethyl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

5-[2-(Hydroxymethyl)-3-[4-methyl-5-oxo-6-(pyridine-3-ylamino)-4,5-dihydropyrazin-2-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.02,7]trideca-1(9),2(7)-dien-6-one;

2-(2-(hydroxymethyl)-3-(1-methyl-5-(5-methyl-1H-pyrazol-3-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-methylpiperazin-1-yl)pyridine-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(3-(6-(1-cyclopropyl-1H-pyrazol-4-ylamino)-4-methyl-5-oxo-4,5-dihydropyrazin-2-yl)-2-(hydroxymethyl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

5-[5-Fluoro-2-(hydroxymethyl)-3-[1-methyl-6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridin-3-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.02,7]trideca-1(9),2(7)-dien-6-one;

5-[3-(6-{[1-(2-Hydroxyethyl)-1H-pyrazol-4-yl]amino}-4-methyl-5-oxo-4,5-dihydropyrazin-2-yl)-2-(hydroxymethyl)phenyl]-8-thia-5-azatricyclo[7.4.0.02,7]trideca-1(9),2(7)-dien-6-one;

2-(2-methyl-3-(5-(5-methyl-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrazin-2-ylamino)-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indol-1-one;

2-(2-(hydroxymethyl)-3-(1-methyl-6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrido[3,4-b]indolizin-1(2H)-one;

5-[2-(hydroxymethyl)-3-(5-{[5-(2-hydroxypropan-2-yl)-1-methyl-1H-pyrazol-3-yl]amino}-1-methyl-6-oxo-1,6-dihydropyridazin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.02,7]trideca-1(9),2(7)-dien-6-one;

5-[5-fluoro-2-(hydroxymethyl)-3-[4-methyl-5-oxo-6-(1,2,3,4-tetrahydroisoquinolin-6-ylamino)-4,5-dihydropyrazin-2-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.02,7]trideca-1(9),2(7)-dien-6-one;

5-[2-(hydroxymethyl)-3-(4-methyl-5-oxo-6-{[4-(piperidin-4-yl)phenyl]amino}-4,5-dihydropyrazin-2-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.02,7]trideca-1(9),2(7)-dien-6-one;

5-[5-fluoro-2-(hydroxymethyl)-3-(4-methyl-6-{[4-(morpholin-4-yl)phenyl]amino}-5-oxo-4,5-dihydropyrazin-2-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.02,7]trideca-1(9),2(7)-dien-6-one;

5-(3-{5-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-1-methyl-6-oxo-1,6-dihydropyridin-3-yl}-2-(hydroxymethyl)phenyl)-8-thia-5-azatricyclo[7.4.0.$0^{2,7}$]trideca-1(9),2(7)-dien-6-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-[(5-methyl-1H-pyrazol-3-yl)amino]-1,2-dihydropyridin-2-one;

3-[(5-ethyl-1H-pyrazol-3-yl)amino]-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

2-(2-(Hydroxymethyl)-3-(1-methyl-6-oxo-5-(4,5,6,7-tetrahydropyrazolo[1,5-a]pyrazin-2-ylamino)-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(4-methyl-6-(4-morpholinophenylamino)-5-oxo-4,5-dihydropyrazin-2-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(3-(5-(5-(3-hydroxyazetidin-1-yl)pyridin-2-ylamino)-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-2-(hydroxymethyl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(4-methyl-5-oxo-6-(1,2,3,4-tetrahydroisoquinolin-6-ylamino)-4,5-dihydropyrazin-2-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(2-(hydroxymethyl)-3-(1-methyl-5-(5-(1-methylpiperidin-4-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one; and

5-(3-(6,6-Dimethyl-3,4,6,7-tetrahydro-5*H*-cyclopenta[4,5]thieno[2,3-*c*]pyridine-1(2*H*)-yl)-2-(hydroxymethyl)phenyl)-1-methyl-3-(1-ethyl-1*H*-pyrazol-4-ylamino) pyrazin-2(1*H*)-one.

29. The compound of claim 1 selected from:

2-(2-(hydroxymethyl)-3-(5-(5-(2-hydroxypropan-2-yl)-1-methyl-1H-pyrazol-3-ylamino)-1-methyl-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

5-[2-(hydroxymethyl)-3-[6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridazin-3-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-3-{[5-(2-hydroxypropan-2-yl)-1-methyl-1H-pyrazol-3-yl]amino}-1-methyl-1,2-dihydropyridin-2-one;

3-({5-cyclopropyl-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl}amino)-5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

5-(3-{5-[(5-cyclopropyl-1H-pyrazol-3-yl)amino]-1-methyl-6-oxo-1,6-dihydropyridin-3-yl}-5-fluoro-2-(hydroxymethyl)phenyl)-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(oxetan-3-yl)-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

3-{[5-(4-ethylpiperazin-1-yl)pyridine-2-yl]amino}-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

3-{[4-(3-hydroxy-3-methylazetidin-1-yl)phenyl]amino}-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyrazin-2-one;

3-{[1-(2-hydroxyethyl)-1H-pyrazol-4-yl]amino}-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyrazin-2-one;

2-(2-(hydroxymethyl)-3-(1-methyl-5-(5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

3-[(1,5-dimethyl-1H-pyrazol-3-yl)amino]-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{[5-(oxetan-3-yl)-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl]amino}-1,2-dihydropyridin-2-one;

5-{3-[5-({5-cyclopropyl-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl}amino)-1-methyl-6-oxo-1,6-dihydropyridin-3-yl]-5-fluoro-2-(hydroxymethyl)phenyl}-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{[4-(piperidin-4-yl)phenyl]amino}-1,2-dihydropyrazin-2-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-({5-methyl-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl}amino)-1,2-dihydropyridin-2-one;

6-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-2-methyl-4-{4H,6H,7H-pyrazolo[3,2-c][1,4]oxazin-2-ylamino}-2,3-dihydropyridazin-3-one;

3-[(5-fluoropyridin-2-yl)amino]-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{4H,6H,7H-pyrazolo[3,2-c][1,4]oxazin-2-ylamino}-1,2-dihydropyridin-2-one;

5-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-6-oxo-5-{4H,6H,7H-pyrazolo[3,2-c][1,4]oxazin-2-ylamino}-1,6-dihydropyridin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

3-{[5-(azetidin-3-yl)pyridine-2-yl]amino}-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

11-[2-(hydroxymethyl)-3-[1-methyl-6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridin-3-yl]phenyl]-1,8,11-triazatricyclo[7.4.0.0^{2,7}]trideca-2(7),8-dien-10-one;

5-[2-(hydroxymethyl)-3-[4-methyl-5-oxo-6-(1,2,3,4-tetrahydroisoquinolin-6-ylamino)-4,5-dihydropyrazin-2-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[2-(hydroxymethyl)-3-[6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridin-3-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

11,11,12,12,13,13-hexahydrogenio-5-[2-(hydroxymethyl)-3-(1-methyl-5-{[5-(1-methylazetidin-3-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

3-({5-[(3,3-difluoroazetidin-1-yl)methyl]-1-methyl-1H-pyrazol-3-yl}amino)-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-3-[(5-methoxy-1H-pyrazol-3-yl)amino]-1-methyl-1,2-dihydropyridin-2-one;

5-[2-(hydroxymethyl)-3-[1-methyl-6-oxo-5-(5,6,7,8-tetrahydro-1,6-naphthyridin-2-ylamino)-1,6-dihydropyridin-3-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[2-(hydroxymethyl)-3-[1-methyl-6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridin-3-yl]phenyl]-1,5,8-triazatricyclo[7.4.0.0^{2,7}]trideca-2(7),8-dien-6-one;

3-({4-[(2R)-1,4-dimethyl-3-oxopiperazin-2-yl]phenyl}amino)-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyrazin-2-one;

3-{[1-(2-hydroxyethyl)-5-methyl-1H-pyrazol-3-yl]amino}-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-[(2-methylpyrimidin-4-yl)amino]-1,2-dihydropyridin-2-one;

3-{[1-(2-hydroxyethyl)-1H-pyrazol-3-yl]amino}-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

5-[3-(5-{[5-(azetidin-3-yl)-1H-pyrazol-3-yl]amino}-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-5-fluoro-2-(hydroxymethyl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

3-{[5-(azetidin-3-yl)-1H-pyrazol-3-yl]amino}-5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-(5,6,7,8-tetrahydro-1,6-naphthyridin-2-ylamino)-1,2-dihydropyridin-2-one;

10-[2-(hydroxymethyl)-3-[1-methyl-6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{[5-(1-methylazetidin-3-yl)-1H-pyrazol-3-yl]amino}-1,2-dihydropyridin-2-one;

5-[2-(hydroxymethyl)-3-(1-methyl-6-oxo-5-{4H,6H,7H-pyrazolo[3,2-c][1,4]oxazin-2-ylamino}-1,6-dihydropyridin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[2-(hydroxymethyl)-3-(1-methyl-5-{[5-(morpholin-4-ylcarbonyl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{[5-(morpholin-4-ylcarbonyl)pyridine-2-yl]amino}-1,2-dihydropyridin-2-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{[5-(1-methylazetidin-3-yl)pyridine-2-yl]amino}-1,2-dihydropyridin-2-one;

10-[2-(hydroxymethyl)-3-(1-methyl-5-{[5-(4-methylpiperazin-1-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-(1,2,3,4-tetrahydroisoquinolin-6-ylamino)-1,2-dihydropyrazin-2-one;

10-[2-(hydroxymethyl)-3-(1-methyl-6-oxo-5-{4H,6H,7H-pyrazolo[3,2-c][1,4]oxazin-2-ylamino}-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-3-{[5-(methoxymethyl)-1-methyl-1H-pyrazol-3-yl]amino}-1-methyl-1,2-dihydropyridin-2-one;

5-[2-(hydroxymethyl)-3-(5-{[5-(methoxymethyl)-1-methyl-1H-pyrazol-3-yl]amino}-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-3-{[5-(methoxymethyl)-1-methyl-1H-pyrazol-3-yl]amino}-1-methyl-1,2-dihydropyridin-2-one;

5-[2-(hydroxymethyl)-3-(1-methyl-5-{[5-(1-methylazetidin-3-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.$0^{2,7}$]trideca-1(9),2(7)-dien-6-one;

6-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-2-methyl-4-[(5-{[methyl(propan-2-yl)amino]methyl}pyridine-2-yl)amino]-2,3-dihydropyridazin-3-one;

5-[3-(5-{[5-(4-ethylpiperazin-1-yl)pyridine-2-yl]amino}-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-2-(hydroxymethyl)phenyl]-8-thia-5-azatricyclo[7.4.0.$0^{2,7}$]trideca-1(9),2(7)-dien-6-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.$0^{2,6}$]dodeca-1(8),2(6)-dien-9-one;

10-[2-(hydroxymethyl)-3-(1-methyl-6-oxo-5-{4H,6H,7H-pyrazolo[3,2-c][1,4]oxazin-2-ylamino}-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.$0^{2,6}$]dodeca-1(8),2(6)-dien-9-one;

10-[2-(hydroxymethyl)-3-[1-methyl-6-oxo-5-(pyridine-2-ylamino)-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.$0^{2,6}$]dodeca-1(8),2(6)-dien-9-one;

10-(3-{5-[(1,5-dimethyl-1H-pyrazol-3-yl)amino]-1-methyl-6-oxo-1,6-dihydropyridin-3-yl}-2-(hydroxymethyl)phenyl)-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.$0^{2,6}$]dodeca-1(8),2(6)-dien-9-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-[(5-{[methyl(propan-2-yl)amino]methyl}pyridine-2-yl)amino]-1,2-dihydropyridin-2-one;

6-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-4-{[5-(methoxymethyl)-1-methyl-1H-pyrazol-3-yl]amino}-2-methyl-2,3-dihydropyridazin-3-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-({5-[4-(oxetan-3-yl)piperazin-1-yl]pyridine-2-yl}amino)-1,2-dihydropyridin-2-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[3-(5-{[5-(4-ethylpiperazin-1-yl)pyridine-2-yl]amino}-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-2-(hydroxymethyl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-6-oxo-5-{4H,6H,7H-pyrazolo[3,2-c][1,4]oxazin-2-ylamino}-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-6-oxo-5-{4H,6H,7H-pyrazolo[3,2-c][1,4]oxazin-2-ylamino}-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[2-(hydroxymethyl)-3-[4-methyl-5-oxo-6-(pyridine-3-ylamino)-4,5-dihydropyrazin-2-yl]phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[2-(hydroxymethyl)-3-(1-methyl-5-{[5-(4-methylpiperazin-1-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-({5-[4-(propan-2-yl)piperazin-1-yl]pyridine-2-yl}amino)-1,2-dihydropyridin-2-one;

10-(3-{5-[(1,5-dimethyl-1H-pyrazol-3-yl)amino]-1-methyl-6-oxo-1,6-dihydropyridin-3-yl}-5-fluoro-2-(hydroxymethyl)phenyl)-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-methylpiperazin-1-yl)pyridine-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(4-methylpiperazin-1-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-[(1-methylazetidin-3-yl)oxy]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

3-{[5-(azetidin-1-ylmethyl)-1-methyl-1H-pyrazol-3-yl]amino}-5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

3-{[5-(4-ethylpiperazin-1-yl)pyridine-2-yl]amino}-5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{[5-(1-methylpyrrolidin-2-yl)pyridine-2-yl]amino}-1,2-dihydropyridin-2-one;

10-[2-(hydroxymethyl)-3-[1-methyl-6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6),11-trien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(4-methylpiperazin-1-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-[(6-methyl-5,6,7,8-tetrahydro-1,6-naphthyridin-2-yl)amino]-1,2-dihydropyridin-2-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-({1-[2-(methylamino)ethyl]-1H-pyrazol-3-yl}amino)-1,2-dihydropyridin-2-one;

3-{[5-(3-hydroxy-3-methylazetidin-1-yl)pyridine-2-yl]amino}-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

3-[(6-ethyl-5,6,7,8-tetrahydro-1,6-naphthyridin-2-yl)amino]-5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

5-[2-(hydroxymethyl)-3-[1-methyl-5-({5-[4-(oxetan-3-yl)piperazin-1-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-(oxetan-3-yl)piperazin-1-yl)pyridine-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

5-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-[4-(oxetan-3-yl)piperazin-1-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

2-(5-Fluoro-2-hydroxymethyl-3-{1-methyl-5-[5-(4-methyl-piperazin-1-yl)-pyridin-2-ylamino]-6-oxo-1,6-dihydro-pyridin-3-yl}-phenyl)-3,4,5,6,7,8-hexahydro-2H-benzo[4,5]thieno[2,3-c]pyridine-1-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{[5-(1-methylazetidin-3-yl)pyridine-2-yl]amino}-1,2-dihydropyridin-2-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-({4-[1-(oxetan-3-yl)piperidin-4-yl]phenyl}amino)-1,2-dihydropyrazin-2-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(4-methyl-6-{[4-(1-methylazetidin-3-yl)phenyl]amino}-5-oxo-4,5-dihydropyrazin-2-yl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

[(2-{4,4-dimethyl-9-oxo-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-10-yl}-6-[1-methyl-6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridin-3-yl]phenyl)methoxy]phosphonic acid;

10-{5-fluoro-3-[5-({5-[4-(2-fluoroethyl)piperazin-1-yl]pyridine-2-yl}amino)-1-methyl-6-oxo-1,6-dihydropyridin-3-yl]-2-(hydroxymethyl)phenyl}-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

5-(3-{5-[(6-ethyl-5,6,7,8-tetrahydro-1,6-naphthyridin-2-yl)amino]-1-methyl-6-oxo-1,6-dihydropyridin-3-yl}-5-fluoro-2-(hydroxymethyl)phenyl)-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[6-(oxetan-3-yl)-5,6,7,8-tetrahydro-1,6-naphthyridin-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-6-oxo-5-({5-[4-(propan-2-yl)piperazin-1-yl]pyridine-2-yl}amino)-1,6-dihydropyridin-3-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[5-Fluoro-2-(hydroxymethyl)-3-{4-methyl-6-[(2-methyl-1,2,3,4-tetrahydroisoquinolin-6-yl)amino]-5-oxo-4,5-dihydropyrazin-2-yl}phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[5-fluoro-2-(hydroxymethyl)-3-(4-methyl-6-{[2-(oxetan-3-yl)-1,2,3,4-tetrahydroisoquinolin-6-yl]amino}-5-oxo-4,5-dihydropyrazin-2-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-methyl-5-[(6-methyl-5,6,7,8-tetrahydro-1,6-naphthyridin-2-yl)amino]-6-oxo-1,6-dihydropyridin-3-yl}phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

10-[5-fluoro-2-(hydroxymethyl)-3-{1-methyl-5-[(5-{[methyl(propan-2-yl)amino]methyl}pyridine-2-yl)amino]-6-oxo-1,6-dihydropyridin-3-yl}phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrido[3,4-b]indolizin-2-yl}phenyl]-1-methyl-3-[(5-methyl-1H-pyrazol-3-yl)amino]-1,2-dihydropyridin-2-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrido[3,4-b]indolizin-2-yl}phenyl]-1-methyl-3-(5,6,7,8-tetrahydro-2,6-naphthyridin-3-ylamino)-1,2-dihydropyridin-2-one;

3-{[5-(azetidin-3-yl)pyridine-2-yl]amino}-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrido[3,4-b]indolizin-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrido[3,4-b]indolizin-2-yl}phenyl]-1-methyl-3-(1,2,3,4-tetrahydroisoquinolin-6-ylamino)-1,2-dihydropyrazin-2-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrido[3,4-b]indolizin-2-yl}phenyl]-1-methyl-3-{[5-(1-methylpyrrolidin-2-yl)pyridine-2-yl]amino}-1,2-dihydropyridin-2-one;

10-[3-(5-{[5-(azetidin-1-ylmethyl)-1-methyl-1H-pyrazol-3-yl]amino}-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-5-fluoro-2-(hydroxymethyl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-[(2-methyl-2,3-dihydro-1H-isoindol-5-yl)amino]-1,2-dihydropyrazin-2-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{4-methyl-6-[(2-methyl-2,3-dihydro-1H-isoindol-5-yl)amino]-5-oxo-4,5-dihydropyrazin-2-yl}phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[3-(5-{[5-(1-ethylazetidin-3-yl)pyridine-2-yl]amino}-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-5-fluoro-2-(hydroxymethyl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-({5-methyl-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl}amino)-1,2-dihydropyridin-2-one;

10-[5-fluoro-2-(hydroxymethyl)-3-{4-methyl-6-[(2-methyl-2,3-dihydro-1H-isoindol-5-yl)amino]-5-oxo-4,5-dihydropyrazin-2-yl}phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(3-methylazetidin-1-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-[4-(oxetan-3-yl)piperazin-1-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[3-(5-{[5-(4-ethylpiperazin-1-yl)pyridine-2-yl]amino}-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-5-fluoro-2-(hydroxymethyl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-6-oxo-5-({5-[4-(propan-2-yl)piperazin-1-yl]pyridine-2-yl}amino)-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-{1-methyl-5-[(6-methyl-5,6,7,8-tetrahydro-1,6-naphthyridin-2-yl)amino]-6-oxo-1,6-dihydropyridin-3-yl}phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-(3-{5-[(6-ethyl-5,6,7,8-tetrahydro-1,6-naphthyridin-2-yl)amino]-1-methyl-6-oxo-1,6-dihydropyridin-3-yl}-5-fluoro-2-(hydroxymethyl)phenyl)-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{[5-(1-methylpiperidin-4-yl)pyridine-2-yl]amino}-1,2-dihydropyridin-2-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(1-methylpyrrolidin-2-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[4-methyl-6-({4-[1-(oxetan-3-yl)piperidin-4-yl]phenyl}amino)-5-oxo-4,5-dihydropyrazin-2-yl]phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-6-oxo-5-({5-[4-(propan-2-yl)piperazin-1-yl]pyridine-2-yl}amino)-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-methyl-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-{4-methyl-6-[(2-methyl-1,2,3,4-tetrahydroisoquinolin-6-yl)amino]-5-oxo-4,5-dihydropyrazin-2-yl}phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-(3-{6-[(2-ethyl-1,2,3,4-tetrahydroisoquinolin-6-yl)amino]-4-methyl-5-oxo-4,5-dihydropyrazin-2-yl}-5-fluoro-2-(hydroxymethyl)phenyl)-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(4-methyl-6-{[2-(oxetan-3-yl)-1,2,3,4-tetrahydroisoquinolin-6-yl]amino}-5-oxo-4,5-dihydropyrazin-2-yl)phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

3-{[5-(1-ethylazetidin-3-yl)pyridine-2-yl]amino}-5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-[(1-methylazetidin-3-yl)oxy]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(oxetan-3-yl)-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-({5-[(2R)-1-methylpyrrolidin-2-yl]pyridine-2-yl}amino)-1,2-dihydropyridin-2-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-({5-[(2S)-1-methylpyrrolidin-2-yl]pyridine-2-yl}amino)-1,2-dihydropyridin-2-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{[5-(morpholin-4-yl)pyridine-2-yl]amino}-1,2-dihydropyridin-2-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(morpholin-4-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[3-(5-{[5-(1-ethylazetidin-3-yl)pyridine-2-yl]amino}-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-5-fluoro-2-(hydroxymethyl)phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{[2-(oxetan-3-yl)-1,2,3,4-tetrahydroisoquinolin-6-yl]amino}-1,2-dihydropyridin-2-one;

5-[2-(hydroxymethyl)-3-[1-methyl-5-({5-methyl-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(1-methylpiperidin-4-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-{1-methyl-5-[(6-methyl-5,6,7,8-tetrahydro-1,6-naphthyridin-2-yl)amino]-6-oxo-1,6-dihydropyridin-3-yl}phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[3-(5-{[5-(1-ethylazetidin-3-yl)pyridine-2-yl]amino}-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-5-fluoro-2-(hydroxymethyl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-3-[(2-methoxypyrimidin-4-yl)amino]-1-methyl-1,2-dihydropyridin-2-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-[1-(oxetan-3-yl)piperidin-4-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-({5-[1-(oxetan-3-yl)piperidin-4-yl]pyridine-2-yl}amino)-1,2-dihydropyridin-2-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[4-methyl-6-[(2-methyl-1,2,3,4-tetrahydroisoquinolin-6-yl)amino]-5-oxo-4,5-dihydropyrazin-2-yl}phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(1-methylpiperidin-4-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-{3-[5-({5-[2-(dimethylamino)ethoxy]pyridine-2-yl}amino)-1-methyl-6-oxo-1,6-dihydropyridin-3-yl]-5-fluoro-2-(hydroxymethyl)phenyl}-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[3-(5-{[5-(4-ethylpiperazin-1-yl)pyridine-2-yl]amino}-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-5-fluoro-2-(hydroxymethyl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

10-(3-{5-[(5-{[2-(dimethylamino)ethyl](methyl)amino}pyridine-2-yl)amino]-1-methyl-6-oxo-1,6-dihydropyridin-3-yl}-5-fluoro-2-(hydroxymethyl)phenyl)-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(1-methylazetidin-3-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[3-(5-{[5-(4-ethylpiperazin-1-yl)pyridine-2-yl]amino}-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-5-fluoro-2-(hydroxymethyl)phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-{5-fluoro-3-[5-({5-[4-(2-fluoroethyl)piperazin-1-yl]pyridine-2-yl}amino)-1-methyl-6-oxo-1,6-dihydropyridin-3-yl]-2-(hydroxymethyl)phenyl}-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(morpholin-4-ylmethyl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrido[3,4-b]indolizin-2-yl}phenyl]-1-methyl-3-{[5-(4-methylpiperazin-1-yl)pyridine-2-yl]amino}-1,2-dihydropyridin-2-one;

10-[5-fluoro-2-(hydroxymethyl)-3-{1-methyl-5-[(5-methyl-1H-pyrazol-3-yl)amino]-6-oxo-1,6-dihydropyridin-3-yl}phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-methyl-5-[(5-{[methyl(propan-2-yl)amino]methyl}pyridine-2-yl)amino]-6-oxo-1,6-dihydropyridin-3-yl}phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(4-methyl-6-{[4-(1-methylpiperidin-4-yl)phenyl]amino}-5-oxo-4,5-dihydropyrazin-2-yl)phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-methyl-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[6-(oxetan-3-yl)-5,6,7,8-tetrahydro-1,6-naphthyridin-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-(4-methyl-6-{[4-(1-methylpiperidin-4-yl)phenyl]amino}-5-oxo-4,5-dihydropyrazin-2-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{[4-(1-methylpiperidin-4-yl)phenyl]amino}-1,2-dihydropyrazin-2-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-[(2-methyl-1,2,3,4-tetrahydroisoquinolin-6-yl)amino]-1,2-dihydropyrazin-2-one;

10-(3-{5-[(6-ethyl-5,6,7,8-tetrahydro-1,6-naphthyridin-2-yl)amino]-1-methyl-6-oxo-1,6-dihydropyridin-3-yl}-5-fluoro-2-(hydroxymethyl)phenyl)-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-{3-[5-({5-ethyl-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl}amino)-1-methyl-6-oxo-1,6-dihydropyridin-3-yl]-5-fluoro-2-(hydroxymethyl)phenyl}-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-(3-{5-[(5-{[2-(dimethylamino)ethyl](methyl)amino}pyridine-2-yl)amino]-1-methyl-6-oxo-1,6-dihydropyridin-3-yl}-5-fluoro-2-(hydroxymethyl)phenyl)-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(1-methylpyrrolidin-2-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(1-methylpyrrolidin-2-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(morpholin-4-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-[(2S)-1-methylpyrrolidin-2-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-[(2R)-1-methylpyrrolidin-2-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[6-(oxetan-3-yl)-5,6,7,8-tetrahydro-1,6-naphthyridin-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-({5-[(1-methylazetidin-3-yl)oxy]pyridine-2-yl}amino)-1,2-dihydropyridin-2-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(4-methyl-6-{[4-(1-methylpiperidin-4-yl)phenyl]amino}-5-oxo-4,5-dihydropyrazin-2-yl)phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(1-methylpiperidin-4-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-{3-[5-({5-[2-(dimethylamino)ethoxy]pyridine-2-yl}amino)-1-methyl-6-oxo-1,6-dihydropyridin-3-yl]-5-fluoro-2-(hydroxymethyl)phenyl}-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

3-({5-[2-(dimethylamino)ethoxy]pyridine-2-yl}amino)-5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

10-[5-fluoro-2-(hydroxymethyl)-3-(4-methyl-6-{[4-(1-methylazetidin-3-yl)phenyl]amino}-5-oxo-4,5-dihydropyrazin-2-yl)phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-[1-(oxetan-3-yl)piperidin-4-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-{5-[(2-methoxypyrimidin-4-yl)amino]-1-methyl-6-oxo-1,6-dihydropyridin-3-yl}phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{[5-(piperazin-1-yl)pyridine-2-yl]amino}-1,2-dihydropyridin-2-one;

10-(3-{5-[(1-ethyl-5-methyl-1H-pyrazol-3-yl)amino]-1-methyl-6-oxo-1,6-dihydropyridin-3-yl}-5-fluoro-2-(hydroxymethyl)phenyl)-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-[1-(oxetan-3-yl)piperidin-4-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-[4-(oxetan-3-yl)piperazin-1-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

5-[2-(hydroxymethyl)-3-[4-methyl-6-({4-[1-(oxetan-3-yl)piperidin-4-yl]phenyl}amino)-5-oxo-4,5-dihydropyrazin-2-yl]phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

10-[2-(hydroxymethyl)-3-[1-methyl-6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridazin-3-yl]phenyl]-4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

6-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-2-methyl-4-{[5-(4-methylpiperazin-1-yl)pyridine-2-yl]amino}-2,3-dihydropyridazin-3-one;

5-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(1-methylpyrrolidin-3-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrido[3,4-b]indolizin-2-yl}phenyl]-1-methyl-3-{4H,6H,7H-pyrazolo[3,2-c][1,4]oxazin-2-ylamino}-1,2-dihydropyridin-2-one;

3-{[5-(4-ethylpiperazin-1-yl)pyridine-2-yl]amino}-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrido[3,4-b]indolizin-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

10-[2-(hydroxymethyl)-3-[1-methyl-5-({5-[4-(oxetan-3-yl)piperazin-1-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.0^{2,6}]dodeca-2(6),7-dien-9-one;

10-[2-(hydroxymethyl)-3-[1-methyl-5-({5-[4-(oxetan-3-yl)piperazin-1-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]- 4,4-dimethyl-7-thia-10-azatricyclo[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(2S)-(1-methylpyrrolidin-2-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-{[5-(2R)-(1-methylpyrrolidin-2-yl)pyridine-2-yl]amino}-6-oxo-1,6-dihydropyridin-3-yl)phenyl]-8-thia-5-azatricyclo[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[2-(hydroxymethyl)-5-[1-methyl-5-({4-[1-methylpiperidin-4-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-8-thia-5-azatricyclo-[7.4.0.0^{2,7}]trideca-1(9),2(7)-dien-6-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-[(4-(1-methylazetidin-3-yl)phenyl)amino)-1,2-dihydropyrazin-2-one;

10-[2-(hydroxymethyl)-3-[1-methyl-5-({5-(oxetan-3-yl)-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-7-thia-10-azatricyclo-[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-(oxetan-3-yl)-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-7-thia-10-azatricyclo-[6.4.0.0^{2,6}]dodeca-1(8),2(6)-dien-9-one;

3-({5-[5-(oxetan-3-yl)-4H,5H,6H,7H-pyrazolo[1,5-a]pyrazin-2-yl]amino]-5-[2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-1,2-dihydropyridin-2-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrido[3,4-b]indolizin-2-yl}phenyl]-3-{1-methyl-5-(N-methyl, N-oxetan-3-ylaminomethyl-1H-pyrazol-3-yl)amino}-1,2-dihydropyridin-2-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({1-methyl-5-(N-methyl, N-oxetan-3-ylaminomethyl-1H-pyrazol-3-yl)amino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-4,4-dimethyl-1,10-diazatricyclo[6.4.0.$0^{2,6}$]-dodeca-2(6),7-dien-9-one;

10-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({1-methyl-5-(N-methyl, N-oxetan-3-ylaminomethyl-1H-pyrazol-3-yl)amino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-4,4-dimethyl-7-thia-10-azatricyclo-[6.4.0.$0^{2,6}$]-dodeca-1(8),2(6)-dien-9-one;

10-[2-(hydroxymethyl)-3-[1-methyl-5-({5-[1-methylpiperazin-4-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-4,4-dimethyl-1,10-diazatricyclo[6.4.0.$0^{2,6}$]-dodeca-2(6),7-dien-9-one;

5-[5-fluoro-2-(hydroxymethyl)-5-[1-methyl-5-({1-methyl-5-(N-methyl, N-oxetan-3-ylaminomethyl)-1H-pyrazol-3-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-8-thia-5-azatricyclo-[7.4.0.$0^{2,7}$]trideca-1(9),2(7)-dien-6-one;

10-[2-(hydroxymethyl)-3-[1-methyl-5-({5-[1-(methylpiperidin-4-yl)pyridine-2-yl)amino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)- 4,4-dimethyl-7-thia-10-azatricyclo-[6.4.0.$0^{2,6}$]dodeca-1(8),2(6)-dien-9-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-methylpiperazin-1-yl)pyridine-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4-dihydropyrazino[1,2-a]indol-1(2H)-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{[4-(oxetan-3-yl)piperazin-1-yl]}phenyl}amino}-1,2-dihydropyrazin-2-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-2-methyl-4-{[4-(oxetan-3-yl)piperazin-1-yl]}phenyl}amino}-2,3-dihydropyrazin-3-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-methylpiperazin-1-yl)pyridine-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4-dihydro-2H-[1]benzothiolo[2,3-c]pyridine-1-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-({5-[4-(oxetan-3-yl)piperazin-1-yl]pyrazin-2-yl}amino)-1,2-dihydropyridin-2-one;

5-[5-fluoro-2-(hydroxymethyl)-3-{1-oxo-1H,2H,3H,4H,6H,7H,8H,9H-pyrazino[1,2-a]indol-2-yl}phenyl]-1-methyl-3-{[4-methylpiperazin-1-yl]phenyl]amino}-1,2-dihydropyrazin-2-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-methyl-2-oxopiperazin-1-yl)pyridine-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)- 3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(methoxymethyl)-3-(1-methyl-5-(5-(4-methylpiperazin-1-yl)pyridine-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)- 3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-(oxetan-3-yl)-piperazin-1-yl)pyridine-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydro-6,9-methanopyrazino[1,2-a]indol-1(2H)-one;

2-(2-(hydroxymethyl)-3-(1-methyl-5-(5-(5-methyl-1,3,3a,6a-tetrahydropyrrolo[3,4-c]pyrrol-2-yl)pyridine-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydro-pyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-methyl-3-fluoromethyl-piperazin-1-yl)pyridine-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)- 3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-6-oxo-5-(pyrimidin-4-ylamino)-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydro-6,9-methanopyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-methyl-1,4-diazepan-1-ylpyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)- 3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

5-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-[4-(oxetan-3-yl)piperazin-1-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-8-thia-4,5-diazatricyclo[7.4.0.$0^{2,7}$]-trideca-1(9),2(7),3(4)-trien-6-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-methylpiperazin-1-ylpyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)- 3,4,6,7,8,9-hexahydro-6,9-methanopyrazino[1,2-a]indol-1(2H)-one;

5-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-[4-methylpiperazin-1-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-8-thia-4,5-diazatricyclo[7.4.0.0^{2,7}]-trideca-1(9),2(7),3(4)-trien-6-one; and

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(6-(4-methylpiperazin-1-yl)pyridazin-3-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one.

30. The compound of claim 1 selected from:

2-(5-fluoro-2-(methoxymethyl)-3-(1-methyl-5-(5-(4-methylpiperazin-1-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

4-fluoro-2-(1-methyl-5-(5-(4-methylpiperazin-1-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)-6-(1-oxo-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-2(1H)-yl)benzyl acetate;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-methyl-2-oxopiperazin-1-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(6-(4-(oxetan-3-yl)piperazin-1-yl)pyridazin-3-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

4-(6-(5-(5-fluoro-2-(hydroxymethyl)-3-(1-oxo-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-2(1H)-yl)phenyl)-1-methyl-2-oxo-1,2-dihydropyridin-3-ylamino)pyridin-3-yl)-1-methylpiperazine 1-oxide;

1-(6-(5-(5-fluoro-2-(hydroxymethyl)-3-(1-oxo-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-2(1H)-yl)phenyl)-1-methyl-2-oxo-1,2-dihydropyridin-3-ylamino)pyridin-3-yl)-4-methylpiperazine 1,4-dioxide;

2-(5-fluoro-2-(hydroxymethyl)-3-(4-methyl-6-(6-(4-methylpiperazin-1-yl)pyridin-3-ylamino)-5-oxo-4,5-dihydropyrazin-2-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-methylmorpholin-2-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(9-methyl-3-oxa-7,9-diazabicyclo[3.3.1]nonan-7-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-methylmorpholin-2-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(4-methyl-6-(6-(4-(oxetan-3-yl)piperazin-1-yl)pyridin-3-ylamino)-5-oxo-4,5-dihydropyrazin-2-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-6-oxo-5-(3-(4-(oxetan-3-yl)piperazin-1-yl)pyrid-6-ylamino)-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydro-6,9-methanopyrazino[1,2-a]indol-1(2H)-one;

2-(6-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-methylpiperazin-1-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(6-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-(oxetan-3-yl)piperazin-1-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-6-oxo-5-(3-(4-methylpiperazin-1-yl)pyrid-6-ylamino)-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydro-6,9-methanopyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(6-methyl-2,6-diazaspiro[3.3]heptan-2-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

3-(5-Fluoro-2-hydroxymethyl-3-{1-methyl-5-[6-(4-methyl-piperazin-1-yl)-pyridazin-3-ylamino]-6-oxo-1,6-dihydro-pyridin-3-yl}-phenyl)-6,7,8,9-tetrahydro-3H-benzo[4,5]thieno[2,3-d]pyridazin-4-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-6-oxo-5-(3-(4-methylpiperazin-1-yl)pyridazin-6-ylamino)-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydro-6,9-methanopyrazino[1,2-a]indol-1(2H)-one;

3-(5-Fluoro-2-hydroxymethyl-3-{1-methyl-5-[6-(4-oxetan-3-yl-piperazin-1-yl)-pyridazin-3-ylamino]-6-oxo-1,6-dihydro-pyridin-3-yl}-phenyl)-6,7,8,9-tetrahydro-3H-benzo[4,5]thieno[2,3-d]pyridazin-4-one;

2-(5-Fluoro-2-hydroxymethyl-3-{1-methyl-5-[6-(4-oxetan-3-yl-piperazin-1-yl)-pyridazin-3-ylamino]-6-oxo-1,6-dihydro-pyridin-3-yl}-phenyl)-3,4,5,6,7,8-hexahydro-2H-benzo[4,5]thieno[2,3-c]pyridin-1-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-6-oxo-5-(3-(4-(oxetan-3-yl)piperazin-1-yl)pyridazin-6-ylamino)-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydro-6,9-methanopyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(5-(5-(4-methylpiperazin-1-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

4-fluoro-2-(1-methyl-5-(5-(4-(oxetan-3-yl)piperazin-1-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)-6-(1-oxo-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-2(1H)-yl)benzyl acetate;

2-(5-fluoro-2-(hydroxymethyl)-3-(5-(5-(4-(oxetan-3-yl)piperazin-1-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-(oxetan-3-yl)piperazin-1-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-6,7,8,9-tetrahydro-[1,2,4]triazino[4,5-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-methylpiperazin-1-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-6,7,8,9-tetrahydro-[1,2,4]triazino[4,5-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-(oxetan-3-yl)-1,4-diazepan-1-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one;

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(4-(4-methylpiperazin-1-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3,4,6,7,8,9-hexahydropyrazino[1,2-a]indol-1(2H)-one; and

2-(5-Fluoro-2-hydroxymethyl-3-{1-methyl-5-[5-(4-oxetan-3-yl-[1,4]diazepan-1-yl)-pyridin-2-ylamino]-6-oxo-1,6-dihydro-pyridin-3-yl}-phenyl)-3,4,5,6,7,8-hexahydro-2H-benzo[4,5]thieno[2,3-c]pyridin-1-one.

31. A pharmaceutical composition comprised of a compound of any one of claims 1 to 30 and a pharmaceutically acceptable carrier, glidant, diluent, or excipient.

32. The pharmaceutical composition according to claim 31, further comprising a second therapeutic agent.

33. A process for making a pharmaceutical composition which comprises combining a compound of any one of claims 1 to 30 with a pharmaceutically acceptable carrier.

34. A method of treating a disease or disorder which comprises administering a therapeutically effective amount of a compound of any one of claims 1 to 30 to a patient with a disease or disorder selected from immune disorders, cancer, cardiovascular disease, viral infection, inflammation, metabolism/endocrine function disorders and neurological disorders, and mediated by Bruton's tyrosine kinase.

35. The method of claim 34 wherein the disease or disorder is an immune disorder.

36. The method of claim 35 wherein the disease or disorder is systemic and local inflammation, arthritis, inflammation related to immune suppression, organ transplant rejection, allergies, ulcerative colitis, Crohn's disease, dermatitis, asthma, systemic lupus erythematosus, Sjögren's Syndrome, multiple sclerosis, scleroderma/systemic sclerosis, idiopathic

thrombocytopenic purpura (ITP), anti-neutrophil cytoplasmic antibodies (ANCA) vasculitis, chronic obstructive pulmonary disease (COPD), psoriasis.

37. The method of claim 36, wherein the disease is rheumatoid arthritis.

38. The method of claim 34 wherein the disease or disorder is cancer selected from breast, ovary, cervix, prostate, testis, genitourinary tract, esophagus, larynx, glioblastoma, neuroblastoma, stomach, skin, keratoacanthoma, lung, epidermoid carcinoma, large cell carcinoma, non-small cell lung carcinoma (NSCLC), small cell carcinoma, lung adenocarcinoma, bone, colon, adenoma, pancreas, adenocarcinoma, thyroid, follicular carcinoma, undifferentiated carcinoma, papillary carcinoma, seminoma, melanoma, sarcoma, bladder carcinoma, liver carcinoma and biliary passages, kidney carcinoma, pancreatic, myeloid disorders, lymphoma, hairy cells, buccal cavity, naso-pharyngeal, pharynx, lip, tongue, mouth, small intestine, colon-rectum, large intestine, rectum, brain and central nervous system, Hodgkin's, leukemia, bronchus, thyroid, liver and intrahepatic bile duct, hepatocellular, gastric, glioma/glioblastoma, endometrial, melanoma, kidney and renal pelvis, urinary bladder, uterine corpus, uterine cervix, multiple myeloma, acute myelogenous leukemia, chronic myelogenous leukemia, lymphocytic leukemia, myeloid leukemia, oral cavity and pharynx, non-Hodgkin lymphoma, melanoma, and villous colon adenoma.

39. The method of claim 34 further comprising administering an additional therapeutic agent selected from an anti-inflammatory agent, an immunomodulatory agent, chemotherapeutic agent, a neurotropic factor, an agent for treating cardiovascular disease, an agent for treating liver disease, an anti-viral agent, an agent for treating blood disorders, an agent for treating diabetes, and an agent for treating immunodeficiency disorders.

40. A kit for treating a condition mediated by Bruton's tyrosine kinase, comprising:

a) a first pharmaceutical composition comprising a compound of any one of claims 1 to 30; and

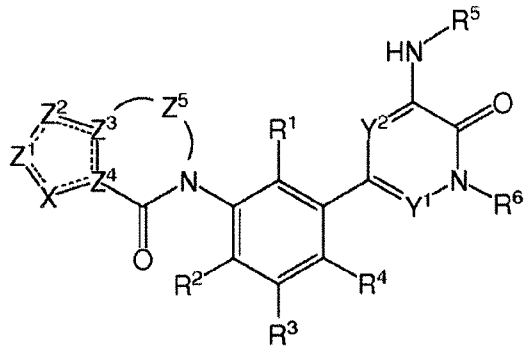
b) instructions for use.

41. The compound of any one of claims 1 to 30 for use as a medicament in treating a disease or disorder selected from immune disorders, cancer, cardiovascular disease, viral infection, inflammation, metabolism/endocrine function disorders and neurological disorders, and mediated by Bruton's tyrosine kinase.

42. Use of a compound of any one of claims 1 to 30 in the manufacture of a medicament for the treatment of immune disorders, cancer, cardiovascular disease, viral infection, inflammation, metabolism/endocrine function disorders and neurological disorders; and wherein the medicament mediates the Bruton's tyrosine kinase.

We Claim:

1. A compound selected from Formula I:



I

or stereoisomers, tautomers, or pharmaceutically acceptable salts thereof, wherein:

R^1 is H, D, F, Cl, CN, $-NH_2$, $-NHCH_3$, $-N(CH_3)_2$, $-OH$, $-OCH_3$, $-OCH_2CH_3$, $-OCH_2CH_2OH$, heteroaryl selected from imidazolyl and pyrazolyl, heterocyclyl selected from oxetanyl and azetidinyl, and C_1–C_3 alkyl;

R^2, R^3 and R^4 are independently selected from H, D, F, Cl, $-NH_2$, $-NHCH_3$, $-N(CH_3)_2$, $-OH$, $-OCH_3$, $-OCH_2CH_3$, $-OCH_2CH_2OH$, and C_1–C_3 alkyl;

R^5 is optionally substituted C_6–C_{20} aryl, C_3–C_{12} carbocyclyl, C_2–C_{20} heterocyclyl, C_1–C_{20} heteroaryl, –(C_6–C_{20} aryl)–(C_2–C_{20} heterocyclyl), –(C_1–C_{20} heteroaryl)–(C_2–C_{20} heterocyclyl), –(C_1–C_{20} heteroaryl)–(C_1–C_6 alkyl), or –(C_1–C_{20} heteroaryl)–C(=O)–(C_2–C_{20} heterocyclyl);

R^6 is H, F, $-NH_2$, $-OH$, or optionally substituted C_1–C_3 alkyl;

X is S, S(=O), $S(=O)_2$, N, NR^6, O, or CR^7;

R^7 is independently selected from H, D, F, Cl, $-CH_3$, $-CH_2CH_3$, $-CN$, $-CH_2F$, $-CHF_2$, $-CF_3$, $-NH_2$, $-OH$, and $-OCH_3$;

Y^1 and Y^2 are independently selected from CR^6 and N;

Z^1, Z^2, Z^3, and Z^4 are independently selected from C, CR^7, and N;

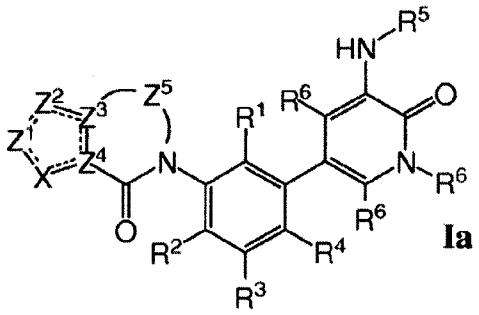
Z^5 is $–CR^3=N–$;

one of Z^1 and Z^2, or X and Z^1, where X is not S, S(=O), or $S(=O)_2$, forms a five-, six-, or seven-membered aryl, carbocyclyl, heterocyclyl or heteroaryl ring;

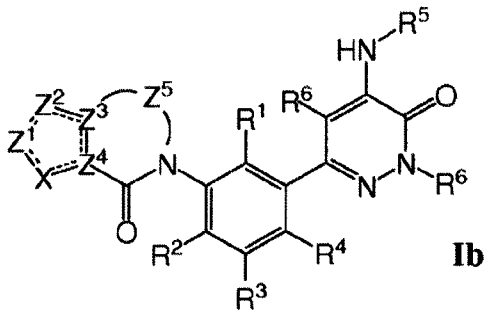
where alkyl, carbocyclyl, heterocyclyl, aryl, and heteroaryl are optionally substituted with one or more groups independently selected from D, F, Cl, Br, I, $-CH_3$, $-CH_2CH_3$, $-CH_2CH(CH_3)_2$, $-CH_2OH$, $-CH_2CH_2OH$, $-C(CH_3)_2OH$, $-CH(OH)CH(CH_3)_2$, $-C(CH_3)_2CH_2OH$, $-CH_2CH_2SO_2CH_3$, $-CH_2OP(O)(OH)_2$, $-CN$, $-CH_2F$, $-CHF_2$, $-CF_3$, $-CO_2H$, $-COCH_3$, $-CO_2CH_3$, $-CO_2C(CH_3)_3$, $-COCH(OH)CH_3$, $-CONH_2$, $-CONHCH_3$, $-CON(CH_3)_2$,

$-C(CH_3)_2CONH_2$, $-NO_2$, $-NH_2$, $-NHCH_3$, $-N(CH_3)_2$, $-NHCOCH_3$, $-N(CH_3)COCH_3$, $-NHS(O)_2CH_3$, $-N(CH_3)C(CH_3)_2CONH_2$, $-N(CH_3)CH_2CH_2S(O)_2CH_3$, =O, $-OH$, $-OCH_3$, $-OCH_2CH_2N(CH_3)_2$, $-OP(O)(OH)_2$, $-S(O)_2N(CH_3)_2$, $-SCH_3$, $-CH_2OCH_3$, $-S(O)_2CH_3$, cyclopropyl, azetidinyl, 1-methylazetidin-3-yl)oxy, N-methyl-N-oxetan-3-ylamino, azetidin-1-ylmethyl, oxetanyl, and morpholino.

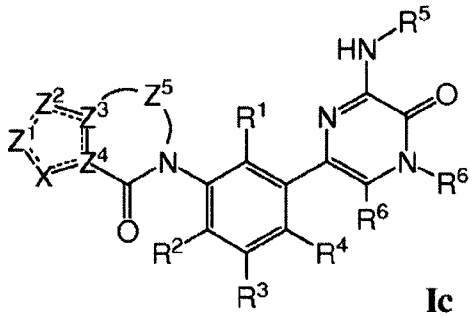
2. The compound of claim 1 selected from Formulas Ia-c:



Ia

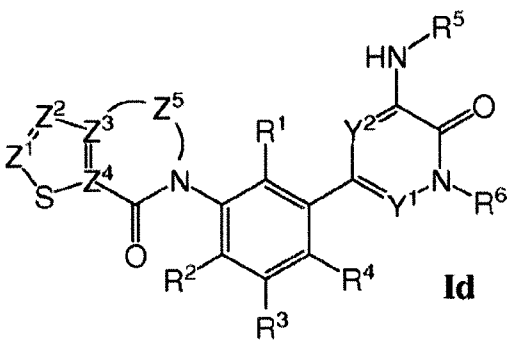


Ib

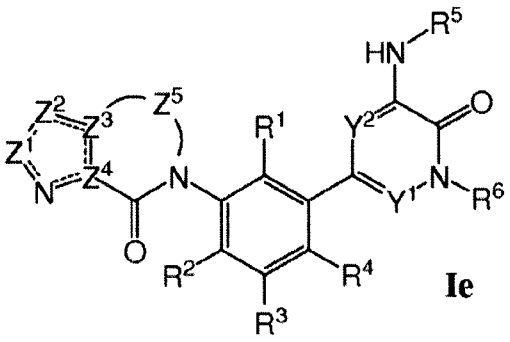


Ic

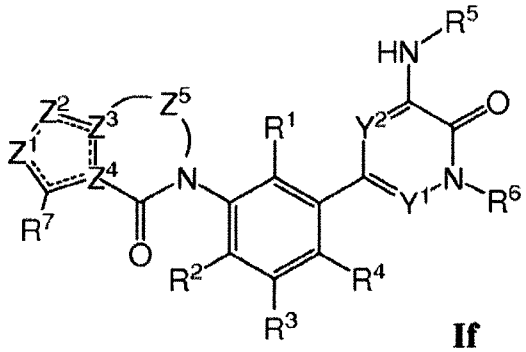
3. The compound of claim 1 selected from Formulas Id-f:



Id

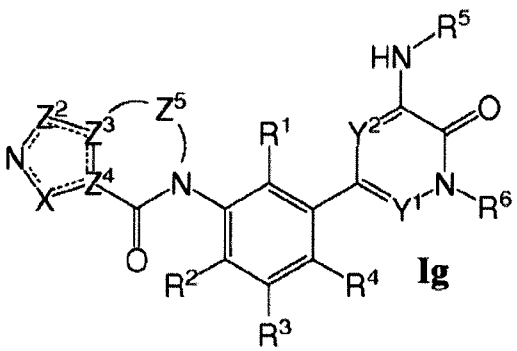


Ie

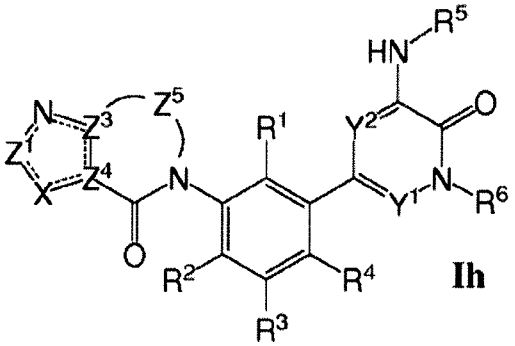


If

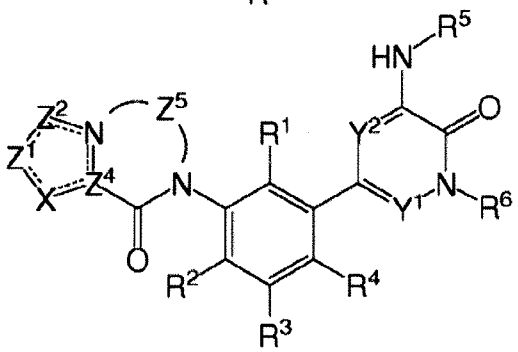
4. The compound of claim 1 selected from Formulas Ig-n:



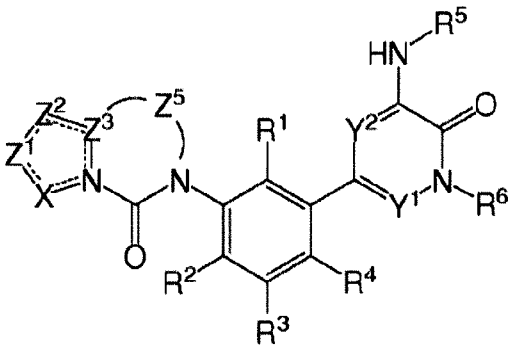
Ig



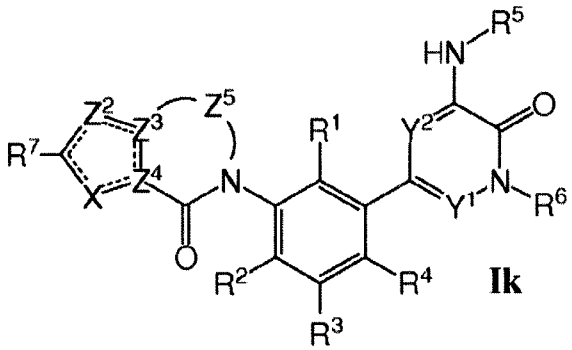
Ih



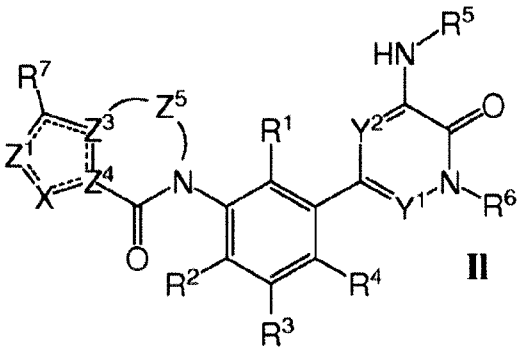
Ii



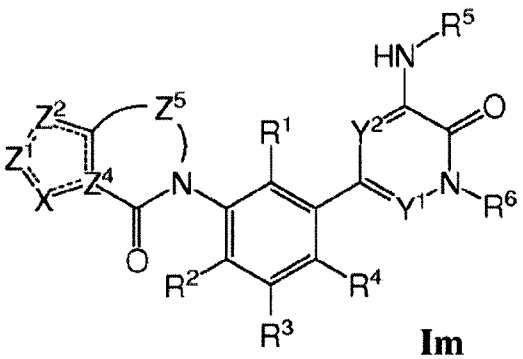
Ij



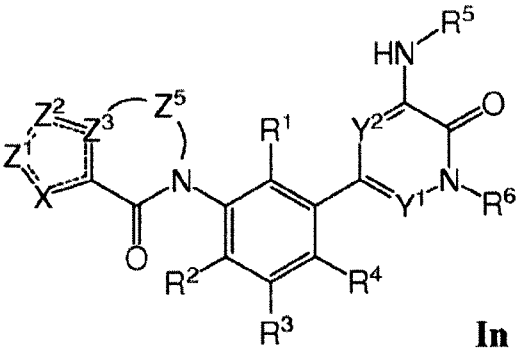
Ik



Il

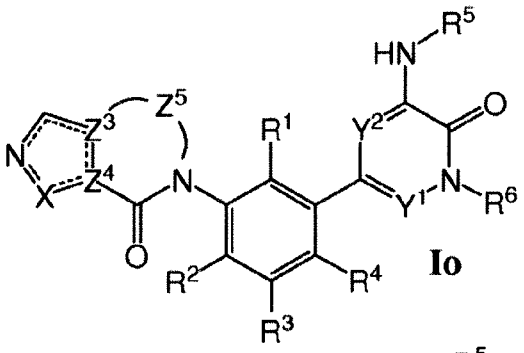


Im

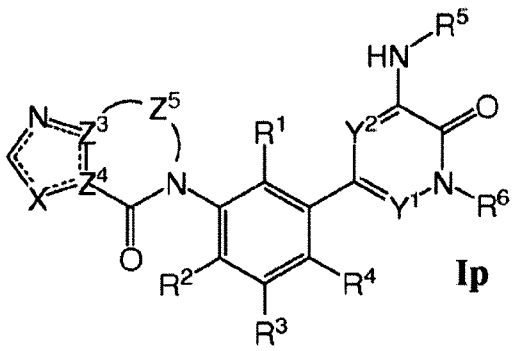


In

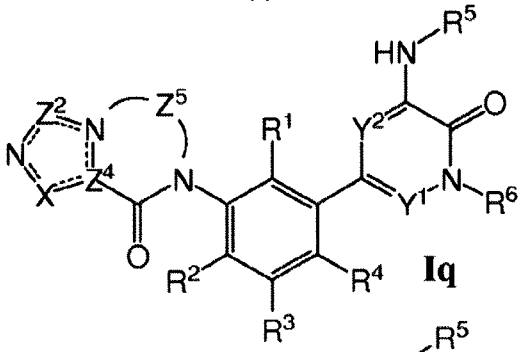
5. The compound of claim 1 selected from Formulas Io-t:



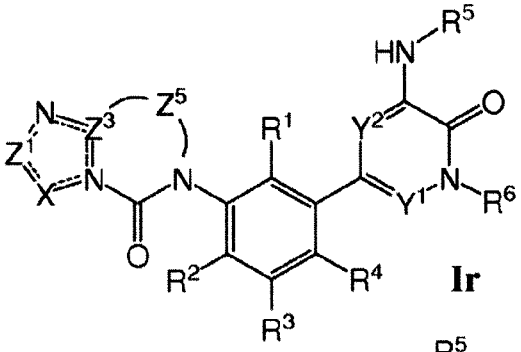
Io



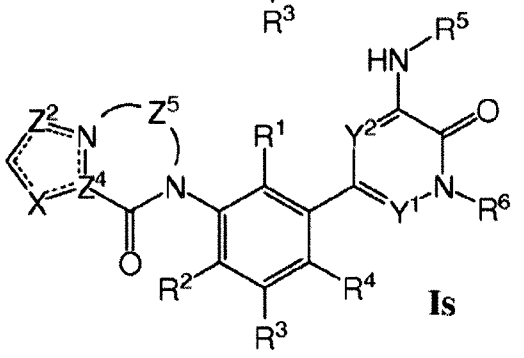
Ip



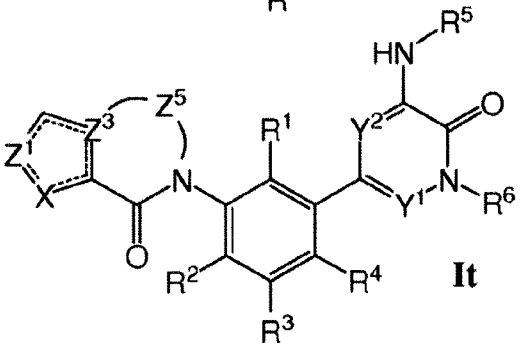
Iq



Ir

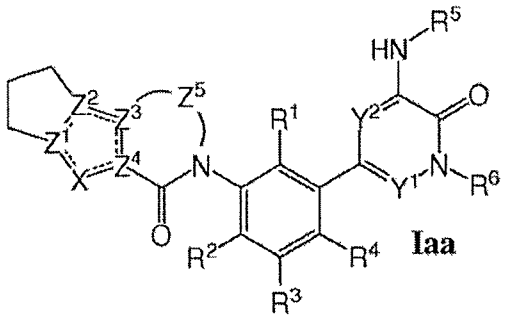


Is

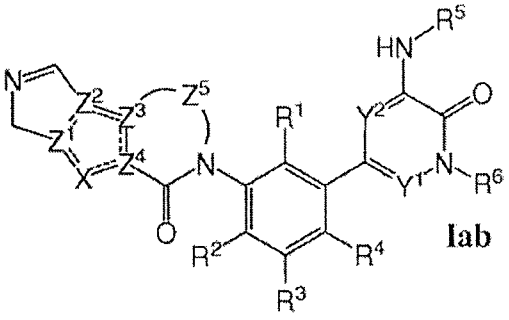


It

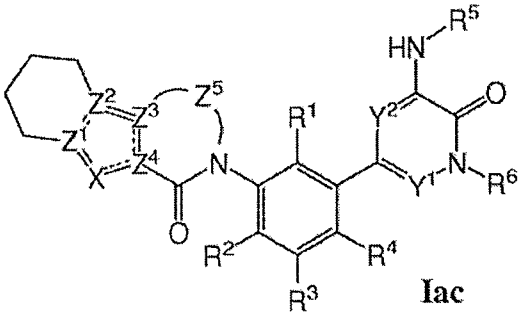
6. The compound of claim 1 where Z^1 and Z^2 forms a five-, six-, or seven- membered aryl, carbocyclyl, heterocyclyl or heteroaryl ring, and selected from Formulas Iaa-ap:



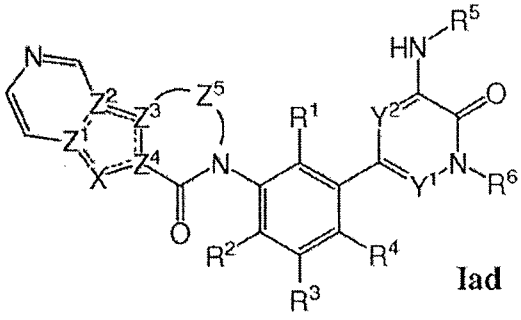
Iaa



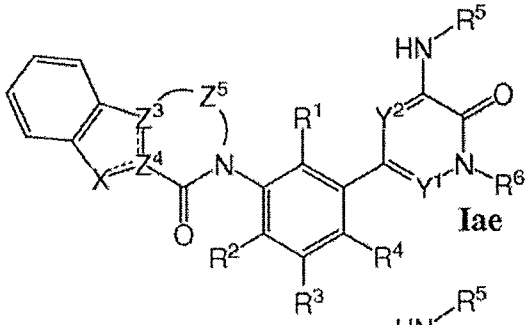
Iab



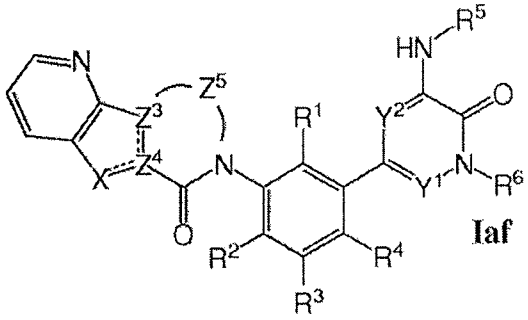
Iac



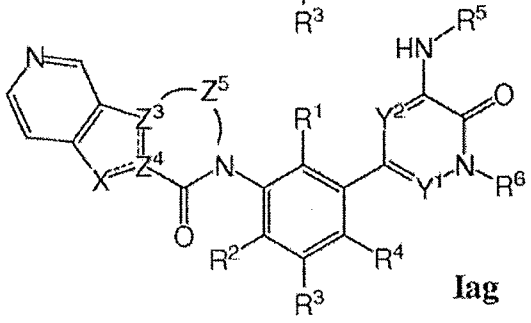
Iad



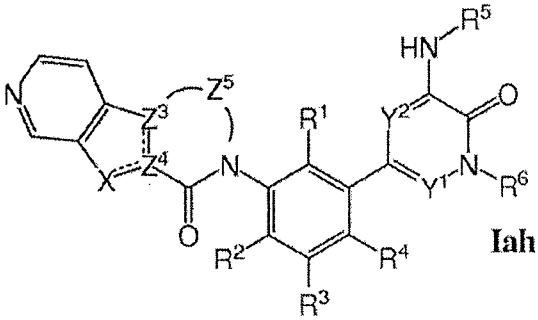
Iae



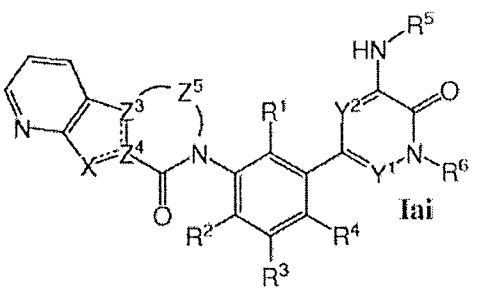
Iaf



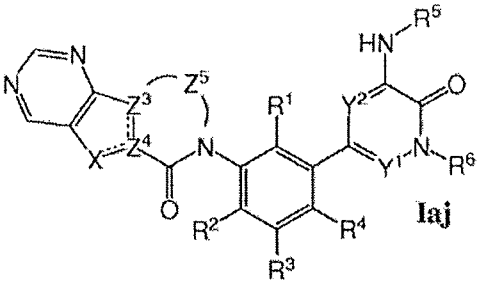
Iag



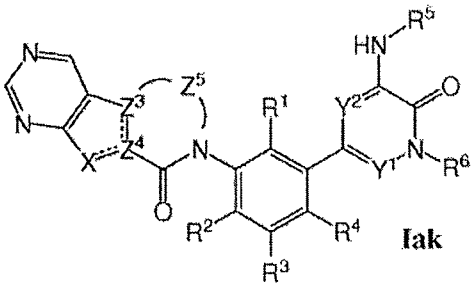
Iah



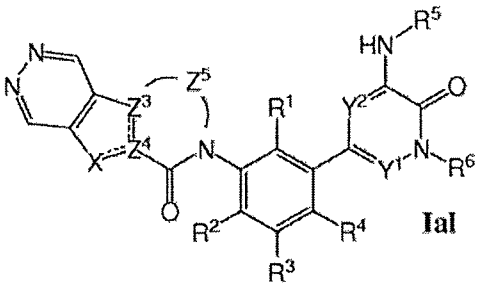
Iai



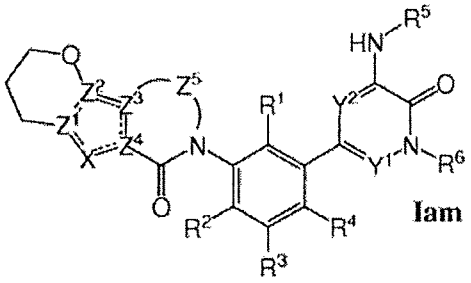
Iaj



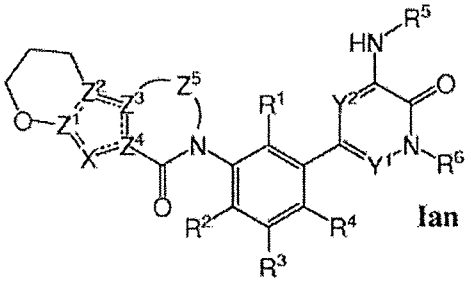
Iak



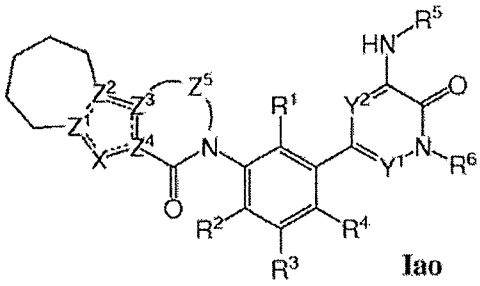
Ial



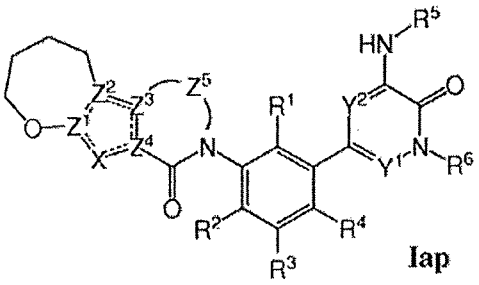
Iam



Ian

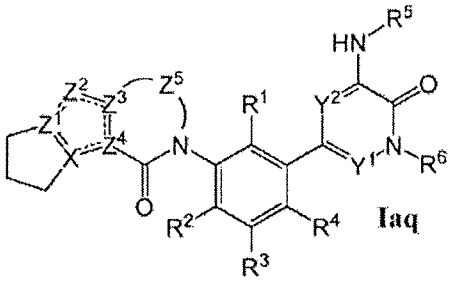


Iao

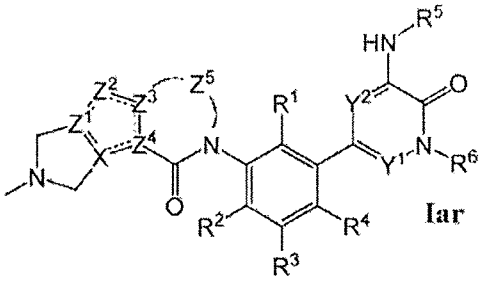


Iap

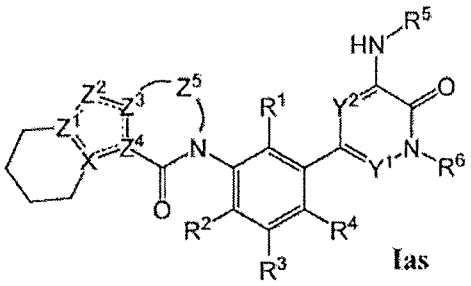
7. The compound of claim 1 where X and Z^1, and X is not S, forms a five-, six-, or seven-membered aryl, carbocyclyl, heterocyclyl or heteroaryl ring, and selected from Formulas Iaq-bf:



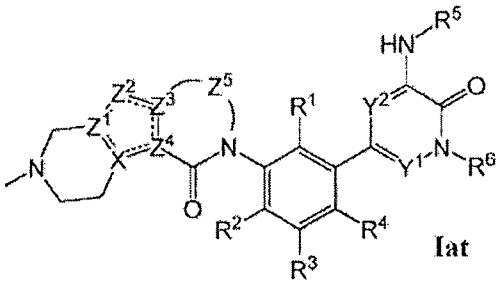
Iaq



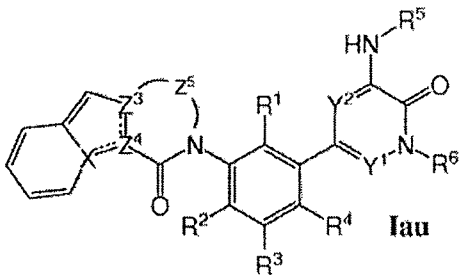
Iar



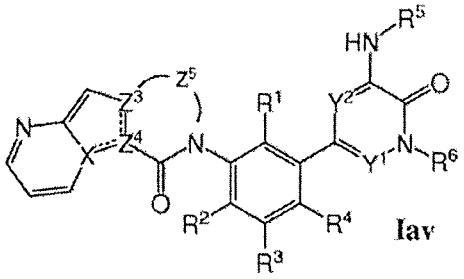
Ias



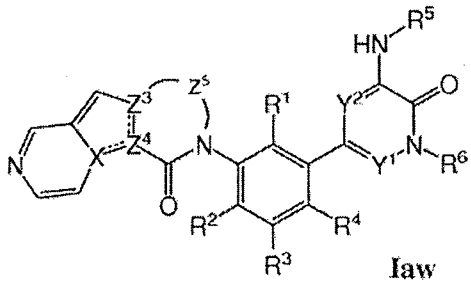
Iat



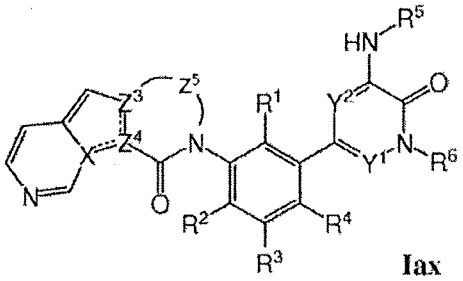
Iau



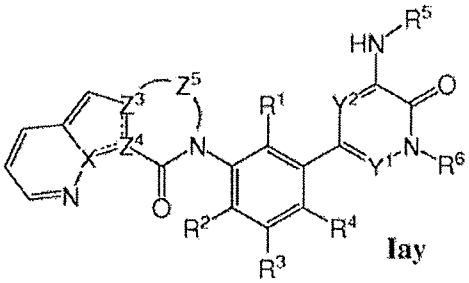
Iav



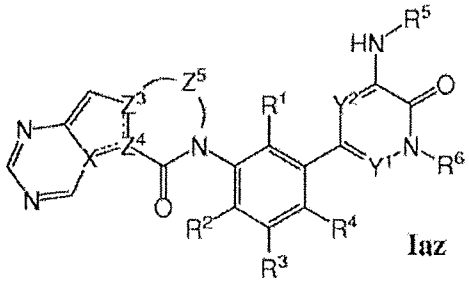
Iaw



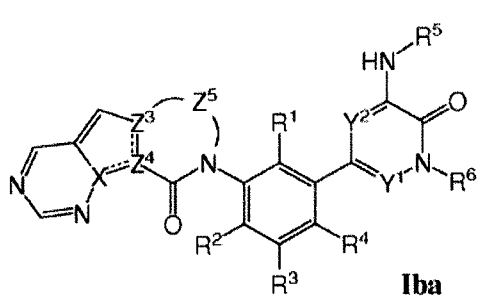
Iax



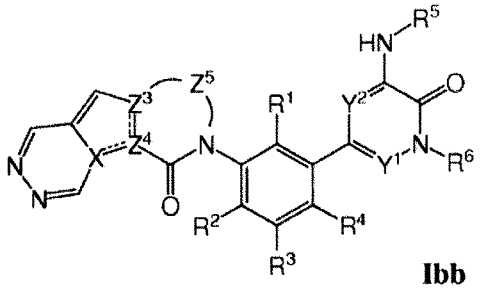
Iay



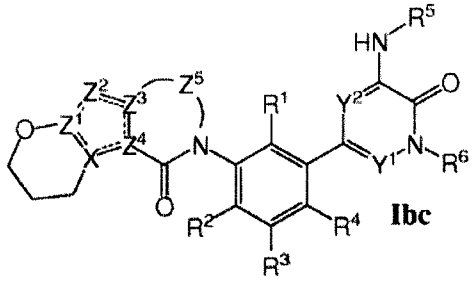
Iaz



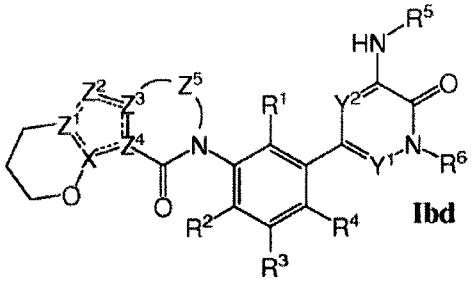
Iba



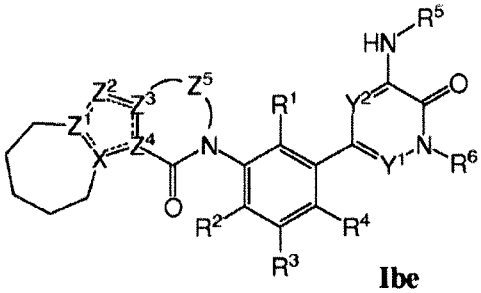
Ibb



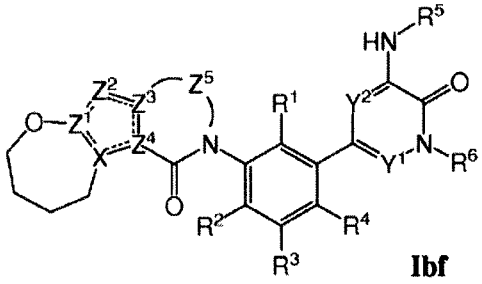
Ibc



Ibd

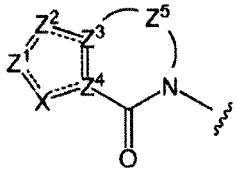


Ibe

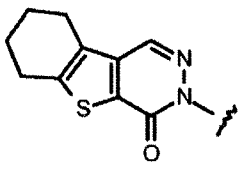


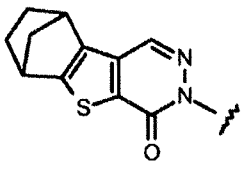
Ibf

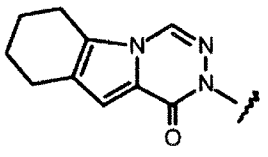
8. The compound of claim 1 where the group:

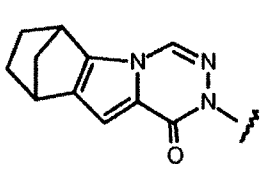
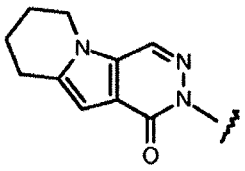


forms the structures:







where the wavy line indicates the site of attachment.

9. The compound of claim 1 to 7 wherein R^1, R^2, R^3, and R^4 are each H.

10. The compound of claim 1 wherein R^1 is selected from F, $-CH_3$, $-CH_2F$, $-CHF_2$, and $-CF_3$.

11. The compound of claim 1 wherein R^1 is $-CH_2OH$.

12. The compound of claim 1 wherein R^3 is F.

13. The compound of claim 1 wherein R^1 is $-CH_2OH$, R^2 and R^4 are each H, and R^3 is F.

14. The compound of claim 1 wherein R^5 is optionally substituted C_6-C_{20} aryl selected from phenyl and naphthyl.

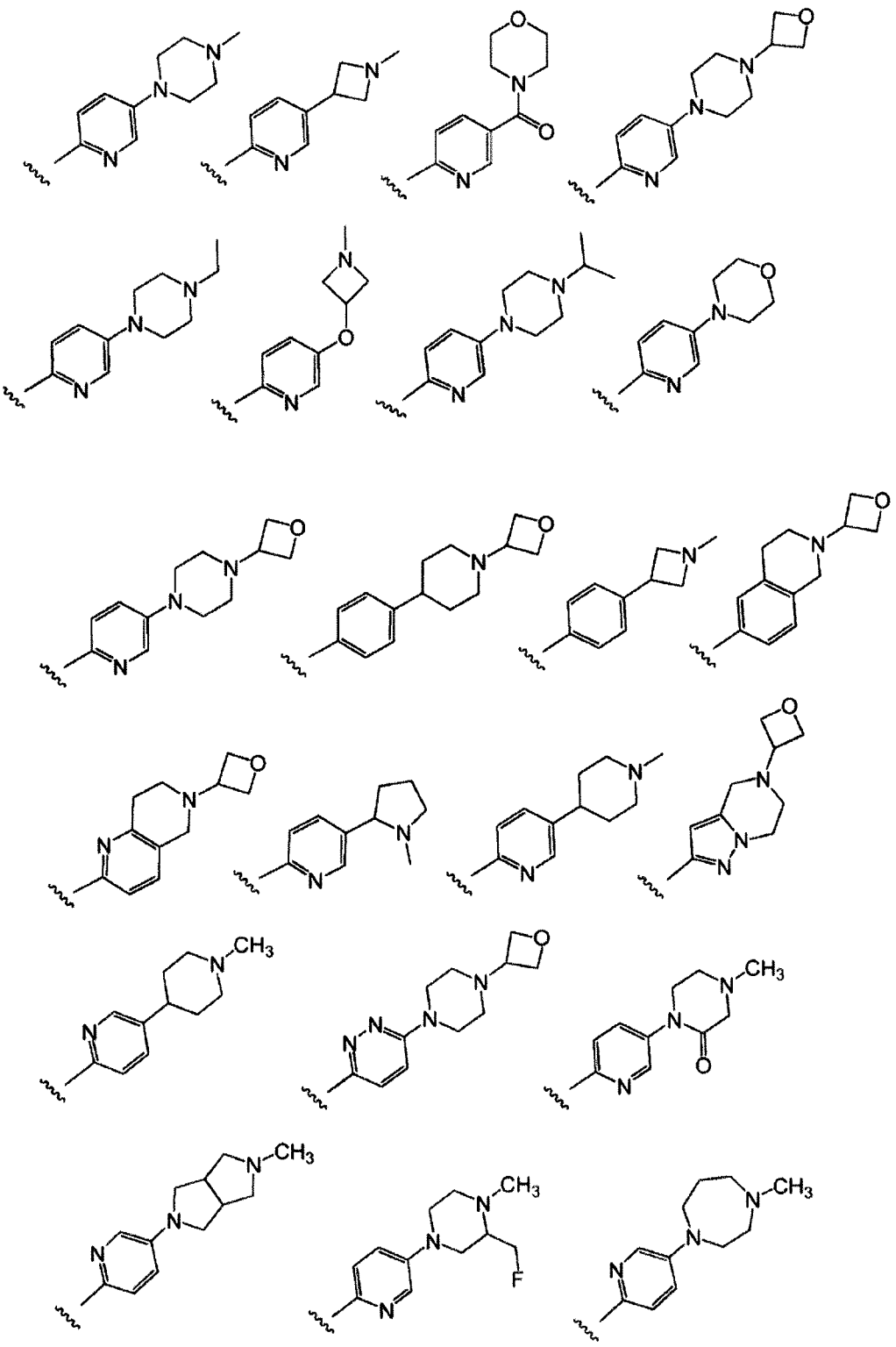
15. The compound of claim 1 wherein R^5 is optionally substituted C_3-C_{12} carbocyclyl selected from cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, and cycloheptyl.

16. The compound of claim 1 wherein R^5 is optionally substituted C_2-C_{20} heterocyclyl selected from oxetanyl, azetidinyl, pyrrolidinyl, tetrahydrofuryl, piperidinyl, piperazinyl, morpholinyl, and tetrahydropyranyl.

17. The compound of claim 1 wherein R^5 is optionally substituted C_1–C_{20} heteroaryl selected from pyrazolyl, pyridinyl, pyrimidinyl, 5-methyl-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrazin-2-yl, 5-acetyl-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrazin-2-yl, 6,7-dihydro-4H-pyrazolo[5,1-c][1,4]oxazin-2-yl, and 1-methyl-5-(5-(4-methylpiperazin-1-yl)pyridin-2-yl.

18. The compound of claim 17 wherein R^5 is substituted with one or more groups selected from F, Cl, $-CH_3$, cyclopropyl, azetidinyl, oxetanyl, and morpholino.

19. The compound of claim 1 wherein R^5 is selected from the structures:



where the wavy line indicates the site of attachment.

20. The compound of claim 1 wherein R^6 is H.

21. The compound of claim 1 wherein X is S.

22. The compound of claim 1 wherein X is N.

23. The compound of claim 1 wherein X is CR^7.

24. The compound of claim 1 wherein Y^1 is CR^6 and Y^2 is N.

25. The compound of claim 1 wherein Y^1 is N and Y^2 is CR^6.

26. The compound of claim 1 wherein Y^1 and Y^2 are each CR^6.

27. The compound of claim 1 selected from:

5-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-[4-(oxetan-3-yl)piperazin-1-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-8-thia-4,5-diazatricyclo[7.4.0.$0^{2,7}$]-trideca-1(9),2(7),3(4)-trien-6-one,

5-[5-fluoro-2-(hydroxymethyl)-3-[1-methyl-5-({5-[4-methylpiperazin-1-yl]pyridine-2-yl}amino)-6-oxo-1,6-dihydropyridin-3-yl]phenyl]-8-thia-4,5-diazatricyclo[7.4.0.$0^{2,7}$]-trideca-1(9),2(7),3(4)-trien-6-one,

3-(5-Fluoro-2-hydroxymethyl-3-{1-methyl-5-[6-(4-methyl-piperazin-1-yl)-pyridazin-3-ylamino]-6-oxo-1,6-dihydro-pyridin-3-yl}-phenyl)-6,7,8,9-tetrahydro-3H-benzo[4,5]thieno[2,3-d]pyridazin-4-one,

3-(5-Fluoro-2-hydroxymethyl-3-{1-methyl-5-[6-(4-oxetan-3-yl-piperazin-1-yl)-pyridazin-3-ylamino]-6-oxo-1,6-dihydro-pyridin-3-yl}-phenyl)-6,7,8,9-tetrahydro-3H-benzo[4,5]thieno[2,3-d]pyridazin-4-one,

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-(oxetan-3-yl)piperazin-1-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-6,7,8,9-tetrahydro-[1,2,4]triazino[4,5-a]indol-1(2H)-one, and

2-(5-fluoro-2-(hydroxymethyl)-3-(1-methyl-5-(5-(4-methylpiperazin-1-yl)pyridin-2-ylamino)-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-6,7,8,9-tetrahydro-[1,2,4]triazino[4,5-a]indol-1(2H)-one.

28. A pharamceutical composition comprised of a compound of claim 1 and a pharmaceutically acceptable carrier, glidant, diluent, or excipient.

29. The pharmaceutical composition of claim 28, further comprising a second therapeutic agent.

30. A process for making a pharmaceutical composition which comprises combining a compound of claim 1 with a pharmaceutically acceptable carrier.