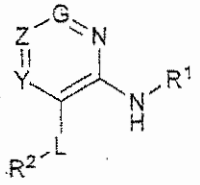
1. A compound selected from the Formula



I

and salts thereof, wherein:

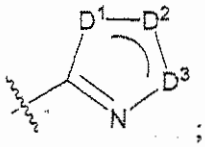
L is O, S, or CHR^{14};

Y is N or CR^4;

Z is CR^3;

G is CR^{11};

R^1 is a heteroaryl ring represented by the formula



;

D^1 is S;

D^2 is N or CR^{12};

D^3 is S, O or CR^{13};

R^2 is aryl, heteroaryl, saturated or partially unsaturated cycloalkyl, or saturated or partially unsaturated heterocyclyl, wherein said aryl, heteroaryl, cycloalkyl and heterocyclyl are monocyclic or bicyclic and are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl, heteroaryl, F, Cl, Br, I, CF_3, CN, NO_2, OR^6, $C(=O)R^6$, $C(=O)OR^6$, $OC(=O)R^6$, $O(CH_2)_nC(=O)OR^6$, $O(CH_2)_nC(=O)NR^6R^7$, $C(=O)NR^6R^7$, NR^6R^7, $NR^6C(=O)R^7$, SR^6, $S(O)R^6$, and $S(O)_2R^6$, and wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl, and heteroaryl are optionally substituted with one or more groups independently selected from oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 V_n-cycloalkyl, saturated and partially unsaturated C_1-C_6 V_n-heterocyclyl, V_n-aryl, V_n-heteroaryl, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8, V_n-$C(=O)R^8$, V_n-$C(=O)OR^8$, V_n-$OC(=O)R^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, V_n-SR^8, V_n-$S(O)R^8$, and V_n-$S(O)_2R^8$;

R^3 is H, C_1-C_{12} alkyl, C_2-C_{12} alkenyl, C_2-C_{12} alkynyl, saturated or partially unsaturated C_3-C_{12} cycloalkyl, saturated or partially unsaturated C_1-C_{12} heterocyclyl, aryl, heteroaryl, F, Cl, Br, I, CN, OR^6, $C(=O)R^6$, $C(=O)OR^6$, $OC(=O)R^6$, $C(=O)NR^6R^7$,

$OC(=O)NR^6R^7$, $OC(=S)NR^6R^7$, NR^6R^7, $NR^6C(=O)R^7$, SR^6, $S(O)R^6$, $S(O)_2R^6$ or $S(O)_2NR^6R^7$, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl and heteroaryl are optionally substituted with one or more groups independently selected from oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-aryl, V_n-heteroaryl, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8, V_n-$C(=O)R^8$, V_n-$C(=O)OR^8$, V_n-$OC(=O)R^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, V_n-SR^8, V_n-$S(O)R^8$, V_n-$S(O)_2R^8$ and V_n-$S(O)_2NR^8R^9$;

R^4 is H, methyl, ethyl, F, Cl, Br, I, CF_3, CHF_2 or CH_2F;

R^6 and R^7 are independently H, C_1-C_{12} alkyl, C_2-C_{12} alkenyl, C_2-C_{12} alkynyl, saturated or partially unsaturated C_3-C_{12} cycloalkyl, saturated or partially unsaturated C_1-C_{12} heterocyclyl, V_n-aryl, or V_n-heteroaryl, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl and heteroaryl portions are optionally substituted with one or more groups independently selected from oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl [optionally substituted with C(O)O(1-6C alkyl), (1-6C)alkyl or (1-6C alkyl)OH], V_n-aryl, V_n-heteroaryl, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8, V_n-$C(=O)R^8$, V_n-$C(=O)OR^8$, V_n-$OC(=O)R^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, V_n-SR^8, V_n-$S(O)R^8$, V_n-$S(O)_2R^8$, V_n-$S(O)_2NR^8R^9$, and (C_1-C_6 alkyl)OH;

or R^6 and R^7 together with the atoms to which they are attached form a saturated or partially unsaturated heterocyclic ring, wherein said heterocyclic ring optionally comprises one or more additional ring heteroatoms independently selected from N, O or S, wherein said heterocyclic ring is optionally substituted with one or more groups independently selected from oxo, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-OR^8, V_n-$C(=O)OR^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, V_n-$NR^8C(=O)NR^9R^{10}$, C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl;

R^8, R^9 and R^{10} are independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl or heteroaryl, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl and heteroaryl are optionally substituted with one or more groups independently selected from oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-aryl, V_n-heteroaryl, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-OR^a, V_n-NR^aR^b, V_n-$C(=O)OR^a$, V_n-$C(=O)NR^aR^b$, and V_n-$NR^aC(=O)R^b$,

or R^8 and R^9 together with the atoms to which they are attached form a saturated or partially unsaturated heterocyclic ring, wherein said heterocyclic ring optionally comprises

one or more additional ring heteroatoms independently selected from N, O or S, wherein said heterocyclic ring is optionally substituted with one or more groups independently selected from oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-OR^8, and V_n-CN,

or R^9 and R^{10} together with the atoms to which they are attached form a saturated or partially unsaturated heterocyclic ring, wherein said heterocyclic ring optionally comprises one or more additional ring heteroatoms independently selected from N, O or S, wherein said heterocyclic ring is optionally substituted with one or more groups independently selected from oxo,C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-OR^a, and V_n-CN;

R^{11} is H, methyl, ethyl, F, Cl, Br, I, CF_3, CHF_2, CH_2F, OH, O-(C_1-C_4 alkyl), or NH_2;

R^{12} and R^{13} are independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, CH_2-heterocyclyl, aryl, heteroaryl, (1-3C alkyl)heteroaryl, $(CH_2)_n(CR^xR^y)C(O)NR^8R^9$, $(CH_2)_n(CR^xR^y)C(O)NH\text{-}N{=}CHNR^8R^9$, F, Cl, Br, I, CF_3, CN, OR^6, $C(=O)R^6$, $C(=O)OR^6$, $OC(=O)R^6$, $C(=O)NR^6R^7$, NR^6R^7, $NR^6C(=O)R^7$, SR^6, $S(O)R^6$, $S(O)_2R^6$, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl and heteroaryl are optionally substituted with one or more groups independently selected from oxo, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8, V_n-$C(=O)OR^8$, V_n-$OC(=O)R^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, C(O)(C_1-C_6 alkyl), C(O)-heterocycle [optionally substituted with O-(C_1-C_6 alkyl], SR^a, SO_2R^f, $SO_2NR^cR^e$, C(O)(C_1-C_6 alkyl)NR^cRd^d, C(O)(C_1-C_6 alkyl)OR^c, $C(O)CH_2C(O)$(C_1-C_6 alkyl), $C(=O)CHR^gNHC(=O)$(C_1-C_6 alkyl), $C(=O)CH_2OC(=O)$(C_1-C_6 alkyl), C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-aryl, and V_n-heteroaryl, wherein said heterocyclyl is optionally substituted with one or more oxo,

or R^{12} and R^{13} together with the atoms to which they are attached form a saturated, partially unsaturated or aromatic carbocyclic or heterocyclic ring, wherein said carbocyclic and heterocyclic rings are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl, heteroaryl, oxo, F, Cl, Br, I, CF_3, CN, OR^6, $C(=O)R^6$, $C(=O)OR^6$, $OC(=O)R^6$, $C(=O)NR^6R^7$, NR^6R^7, $NR^6C(=O)R^7$, SR^6, $S(O)R^6$, $S(O)_2R^6$ and $SO_2NR^6R^7$, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl and heteroaryl are optionally substituted with one or more groups independently selected from oxo, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8,

V_n-C(=O)OR^8, V_n-OC(=O)R^8, V_n-C(=O)NR^8R^9, V_n-NR^8R^9, V_n-NR^8C(=O)R^9, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-aryl, and V_n-heteroaryl;

R^{14} is H, methyl, ethyl or OH;

R^a and R^b are independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated V_n-C_3-C_6 cycloalkyl, saturated and partially unsaturated V_n-C_1-C_6 heterocyclyl, V_n-aryl, or V_n-heteroaryl, wherein said alkyl, alkenyl, alkynyl, saturated or partially unsaturated V_n-cycloalkyl, saturated or partially unsaturated V_n-heterocyclyl, V_n-aryl, and V_n-heteroaryl are optionally substituted with one or more OH;

each R^c, R^e and R^g is independently H or C_1-C_6 alkyl;

R^d is H, C_1-C_6 alkyl or C(O)O(C_1-C_6 alkyl);

R^f is C_1-C_6 alkyl or (C_1-C_6 alkyl)NH_2;

R^x is H or C_1-C_6 alkyl;

R^y is H, C_1-C_6 alkyl, or -O(C_1-C_6 alkyl);

V is alkylene having from 1 to 12 carbons, or alkenylene or alkynylene each having from 2 to 12 carbons, wherein said alkylene, alkenylene, or alkynylene are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl, heteroaryl, F, Cl, Br, I, CF_3, cyano, OR^8, C(=O)OR^8, OC(=O)R^8, C(=O)NR^8R^9, NR^8R^9, (C_1-C_6 alkyl)NR^cR^e, and NR^8C(=O)R^9; and

n is 0 or 1.

2. The compound of claim 1, wherein:

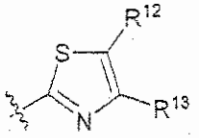
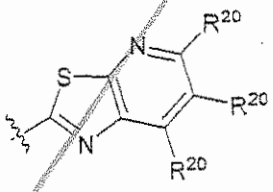
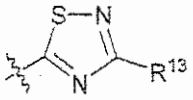
R^6 and R^7 are optionally substituted with one or more groups independently selected from oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-aryl, V_n-heteroaryl, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8, V_n-C(=O)R^8, V_n-C(=O)OR^8, V_n-OC(=O)R^8, V_n-C(=O)NR^8R^9, V_n-NR^8R^9, V_n-NR^8C(=O)R^9, V_n-SR^8, V_n-S(O)R^8, V_n-$S(O)_2R^8$, and V_n-$S(O)_2NR^8R^9$, and

R^{12} and R^{13} are independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl, heteroaryl, F, Cl, Br, I, CF_3, CN, OR^6, C(=O)R^6, C(=O)OR^6, OC(=O)R^6, C(=O)NR^6R^7, NR^6R^7, NR^6C(=O)R^7, SR^6, S(O)R^6 or $S(O)_2R^6$, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl and heteroaryl are optionally substituted with one or more groups independently selected from oxo, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-

OR^8, V_n-$C(=O)OR^8$, V_n-$OC(=O)R^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-aryl, and V_n-heteroaryl, wherein said heterocyclyl is optionally substituted with one or more oxo,

or R^{12} and R^{13} together with the atoms to which they are attached form a saturated, partially unsaturated or aromatic carbocyclic or heterocyclic ring, wherein said carbocyclic and heterocyclic rings are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl, heteroaryl, oxo, F, Cl, Br, I, CF_3, CN, OR^6, $C(=O)R^6$, $C(=O)OR^6$, $OC(=O)R^6$, $C(=O)NR^6R^7$, NR^6R^7, $NR^6C(=O)R^7$, SR^6, $S(O)R^6$, $S(O)_2R^6$ and $SO_2NR^6R^7$, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl and heteroaryl are optionally substituted with one or more groups independently selected from oxo, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8, V_n-$C(=O)OR^8$, V_n-$OC(=O)R^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-aryl, and V_n-heteroaryl.

3. The compound according to claim 1 wherein R^1 is selected from:

4. The compound of claim 3, wherein R^{20} is H.

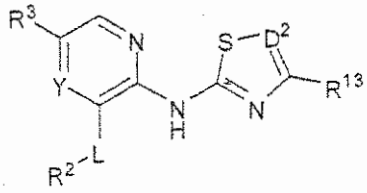
5. The compound according to any of claims 1, 3, or 4, wherein:

G is CH;

Y is CH or N; and

Z is CR^3.

6. A compound having the Formula **Ia**



Ia

wherein:

L is O, S, or CH_2;

Y is N or CH;

D^2 is N or CR^{12};

R^2 is aryl, heteroaryl, saturated or partially unsaturated cycloalkyl, or saturated or partially unsaturated heterocyclyl, wherein said aryl, heteroaryl, cycloalkyl and heterocyclyl are monocyclic or bicyclic and are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, (C_1-C_6 alkyl)OH, C_1-C_6 heterocyclyl, F, Cl, Br, CF_3, CN, NO_2, OR^6, $C(=O)R^6$, $C(=O)OR^6$, $C(=O)NR^6R^7$, $S(O)_2R^6$, $C(O)CH_2NH_2$, and $C(O)CH_2NR^aR^b$;

R^3 is H, C_1-C_{12} alkyl, aryl, heteroaryl, F, Cl, Br, OR^6,or SR^6, wherein said alkyl, aryl and heteroaryl are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, C_2-C_6 alkenyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-OR^8, V_n-$C(=O)OR^8$, and V_n-NR^8R^9;

R^6 and R^7 are independently H, C_1-C_{12} alkyl, saturated or partially unsaturated C_3-C_{12} cycloalkyl, saturated or partially unsaturated C_1-C_{12} heterocyclyl, V_n-aryl, or V_n-heteroaryl, wherein said alkyl, cycloalkyl, heterocyclyl, aryl and heteroaryl portions are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl [optionally substituted with $C(O)O(C_1$-C_6 alkyl) or (C_1-C_6 alkyl)OH], aryl, heteroaryl, CF_3, F, Cl, Br, I, CN, OR^8, $C(=O)R^8$, $C(=O)OR^8$, $C(=O)NR^8R^9$, NR^8R^9, $NR^8C(=O)R^9$ or (C_1-C_6 alkyl)OH,

or R^6 and R^7 together with the atoms to which they are attached form a saturated or partially unsaturated heterocyclic ring, wherein said heterocyclic ring optionally comprises one or more additional ring heteroatoms independently selected from N, O or S;

R^8, R^9 and R^{10} are independently H, C_1-C_6 alkyl, or saturated and partially unsaturated C_1-C_6 heterocyclyl, wherein said alkyl and heterocyclyl are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, OR^a, NR^aR^b, $C(=O)OR^a$ and $C(=O)NR^aR^b$,

or R^8 and R^9 together with the atoms to which they are attached form a saturated or partially unsaturated heterocyclic ring;

or R^9 and R^{10} together with the atoms to which they are attached form a saturated or partially unsaturated heterocyclic ring;

R^{12} is H or C_1-C_6 alkyl;

R^{13} is H, C_1-C_6 alkyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, CH_2-heterocyclyl, aryl, heteroaryl, (1-3C alkyl)heteroaryl, or $(CH_2)_n(CR^xR^y)C(O)NR^8R^9$, wherein said alkyl, cycloalkyl, CH_2-heterocyclyl, heterocyclyl, aryl, heteroaryl and (1-3C alkyl)heteroaryl are optionally substituted with one or more groups independently selected from oxo, F, Cl, CF_3, CN, OR^8, $C(=O)OR^8$, $C(=O)NR^8R^9$, NR^8R^9, $C(O)(C_1$-C_6 alkyl), C(O)-heterocycle [optionally substituted with O-(C_1-C_6 alkyl) or oxo], SR^a, SO_2R^f, $SO_2NR^cR^e$, $C(O)(C_1$-C_6 alkyl)NR^cR^d, $C(O)(C_1$-C_6 alkyl)OR^c, $C(O)CH_2C(O)(C_1$-C_6 alkyl), C_1-C_6 alkyl, saturated or partially unsaturated C_1-C_6 heterocycle (optionally substituted with oxo) and aryl;

or R^{12} and R^{13} together with the atoms to which they are attached form an heteroaryl ring;

R^a and R^b are independently H, C_1-C_6 alkyl, or saturated or partially unsaturated C_1-C_6 heterocyclyl;

each R^c, R^e and R^g is independently H or C_1-C_6 alkyl;

R^d is H, C_1-C_6 alkyl or $C(O)O(C_1$-C_6 alkyl);

R^f is C_1-C_6 alkyl or $(C_1$-C_6 alkyl)NH_2;

V is alkylene having from 1 to 4 carbons, or alkenylene having from 2 to 4 carbons, wherein said alkylene and alkenylene are optionally substituted with C_1-C_6 alkyl, $O(C_1$-C_6 alkyl), or $(C_1$-C_6 alkyl)NR^cR^e; and

n is 0 or 1.

7. The compound according to any of claims 1, 3, 4, or 5, wherein R^{12} is H.

8. The compound according to any of claims 1, 3, 4, 5, or 7 , wherein R^{13} is selected from H, C_1-C_6 alkyl, chloro(C_1-C_6 alkyl), CF_3, (3-6C)cycloalkyl, (C_1-C_6 alkyl)CN, (C_1-C_6 alkyl)CO_2R^8, (C_1-C_6 alkyl)SR^a, (C_1-C_6 alkyl)SO_2R^f, (C_1-C_6 alkyl)aryl, (C_1-C_6 alkyl)OR^8, (C_1-C_6 alkyl)NR^8R^9, $(CH_2)_n(CR^xR^y)C(O)NR^8R^9$, $(CH_2)_n(CR^xR^y)C(O)NH$-N=$CHNR^8R^9$, (C_1-C_6 alkyl)C(O)-heterocyclyl, aryl, heteroaryl, (C_1-C_3 alkyl)$hetAr^1$, $CH_2(CR^xR^y)C(O)OR^8$, $CH_2(CR^xR^y)C(O)$heterocyclyl [optionally substituted with one or two groups selected from O-(C_1-C_6 alkyl) and oxo], $CH_2CH(CO_2H)$-$CH_2CH_2NHR^8$ (where R^8 is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl, or heteroaryl, wherein said alkyl, alkenyl, alkynyl, saturated or partially unsaturated cycloalkyl, saturated or partially unsaturated heterocyclyl, V_n-aryl, and V_n-heteroaryl are optionally substituted with one or more OH), $hetCyc^1$ and $CH_2hetCyc^2$, wherein:

R^x and R^y are independently H, methyl or OMe,

n is 0 or 1,

$hetCyc^1$ is a saturated or partially unsaturated heterocyclic ring optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, C(O)(C_1-C_6 alkyl), (C_1-C_6 alkyl)OH, C(O)O(C_1-C_6 alkyl), C(O)(C_1-C_6 alkyl)NR^cR^d, C(O)(C_1-C_6 alkyl)OR^c, $C(O)CH_2C(O)(C_1$-C_6 alkyl), $C(O)NR^8R^9$ (where R^8 and R^9 are independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl, or heteroaryl, wherein said alkyl, alkenyl, alkynyl, saturated or partially unsaturated cycloalkyl, saturated or partially unsaturated heterocyclyl, V_n-aryl, and V_n-heteroaryl are optionally substituted with one or more OH) , $SO_2NR^cR^e$, SO_2R^f, $C(=O)CHR^8NHC(=O)(C_1$-C_6 alkyl) and $C(=O)CH_2OC(=O)(C_1$-C_6 alkyl),

$hetCyc^2$ is a saturated or partially unsaturated heterocyclic ring optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, C(O)(C_1-C_6 alkyl), C(O)O(C_1-C_6 alkyl), and oxo, and

$hetAr^1$ is a heteroaryl ring optionally substituted with C_1-C_6 alky, OH or CF_3.

9. The compound according to any of claims 1, 3, 4, 5, 7 or 8, wherein R^2 is:

(i) phenyl optionally substituted with one or more groups independently selected from F, Cl, Br, CN, CF_3, C_1-C_6 alkyl, NO_2, $SO_2(C_1$-C_6 alkyl), OH, O(C_1-C_6 alkyl), CO_2H, $CO_2(C_1$-C_6 alkyl), C(O) saturated or partially unsaturated C_1-C_{12} hetercyclyl [optionally substituted with C_1-C_6 alkyl], saturated or partially unsaturated C_1-C_6 heterocyclyl and $C(O)NR^6R^7$;

(ii) a 5-6 membered heteroaryl ring having 1-2 nitrogen atoms;

(iii) a 9-10 membered bicyclic heteroaryl ring having a having 1 to 2 ring atoms independently selected from N and S;

(iv) a 5 membered saturated or partially unsaturated heterocyclic ring having at least one nitrogen atom, wherein the heterocyclic ring is optionally substituted with CO_2-(C_1-C_6 alkyl), C(O)NH(C_1-C_6 alkyl), $C(O)CH_2N(C_1$-C_6 alkyl)$_2$, C(O)(C_1-C_6 alkyl)CO_2H, or SO_2-(heteroaryl); or

(v) a 5-6 membered saturated or partially unsaturated cycloalkyl ring.

10. The compound according to any of claims 1, 3, 4, 5, 7, 8, or 9, wherein R^3 is H, Br, Cl, SR^6, OR^6, aryl, heteroaryl, or C_1-C_6 alkyl, wherein said aryl is optionally substituted with Cl and said alkyl is optionally substituted with $C(O)OR^8$, NR^8R^9, or OR^8.

11. The compound of according to any of claims 1, 3, 4, 5, 7, 8, or 9, wherein R^3 is:

(i) S-V_n-aryl wherein n is 0, and aryl is phenyl optionally substituted with one or two groups independently selected from Cl, OH, CN, CF_3, CO_2H, O(C_1-C_6 alkyl), O(C_1-C_6 alkyl)CO_2H, O(C_1-C_6 alkyl)NR^aR^b, or O(C_1-C_6 alkyl)- saturated or partially unsaturated C_1-C_6 heterocycle;

(ii) S-V_n-aryl wherein n is 1, V is alkylene optionally substituted with $CH_2CH_2NR^cR^e$, and aryl is phenyl optionally substituted with F, Cl, or O(C_1-C_6 alkyl);

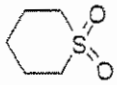
(iii) S-V_n-heteroaryl wherein n is 1, V is C_1-C_6 alkylene optionally substituted with C_1-C_6 alkyl, and heteroaryl is a 5-6 membered ring having 1-2 atoms independently selected from N, S and O;

(iv) S-V_n-heteroaryl wherein n is 1, V is C_1-C_6 alkylene, and heteroaryl is a 10-membered bicyclic heteroaryl having at least one nitrogen;

(v) SR^6 wherein R^6 is V_n-heteroaryl, n is 0, and the heteroaryl group is a 9-10 membered bicyclic heteroaromatic ring having 2-3 atoms independently selected from N, S and O, and optionally substituted with one or two groups independently selected from I, Br, C_1-C_6 alkyl and CO_2H;

(vi) S-V_n-heteroaryl wherein n is 0, and heteroaryl is a 5-6 membered ring having 1-4 atoms independently selected from N and S and optionally substituted with one or two groups independently selected from Cl, CN, C_1-C_6 alkyl, O-(C_1-C_6 alkyl), (C_1-C_6 alkyl)NR^8R^9 (where R^8 and R^9 are independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl, or heteroaryl, wherein said alkyl, alkenyl, alkynyl, saturated or partially unsaturated cycloalkyl, saturated or partially unsaturated heterocyclyl, V_n-aryl, and V_n-heteroaryl are optionally substituted with one or more OH) , (C_1-C_6 alkyl)CN, C(=O)O(C_1-C_6 alkyl), and CF_3;

(vii) S-$CHR^{6a}R^{6b}$ wherein R^{6a} is piperidinyl (optionally substituted with C_1-C_6 alkyl, CO_2-(C_1-C_6 alkyl) or (C_1-C_6 alkyl)OH) or a structure having the formula


, and

R^{6b} is pyridyl, pyrimidyl, C(O)O(C_1-C_6 alkyl), (C_1-C_6 alkyl)OH, C(O)NH(C_1-C_6 alkyl), C(O)NH-heterocycle, or (C_1-C_6 alkyl);

(viii) S- saturated or partially unsaturated C_3-C_{12} cycloalkyl,

(ix) S- saturated or partially unsaturated C_1-C_{12} heterocyclyl which is optionally substituted with oxo;

(x) S-(C_1-C_6 alkyl)C(O)OR^8;

(xi) S-CH_2C(O)- saturated or partially unsaturated C_1-C_6 heterocycle, S-CH_2C(O)-NR^8(C_1-C_6 alkyl)NR^aR^b, S-CH_2C(O)-NR^8(C_1-C_6 alkyl)- saturated or partially unsaturated C_1-C_6 heterocycle, or S- (C_1-C_6 alkyl)NR^8R^9;

(xii) OH, O-(C_1-C_6 alkyl), O-(C_1-C_6 alkyl)aryl, O-(C_1-C_6 alkyl)- saturated or partially unsaturated C_1-C_6 heterocycle, O-(C_1-C_6 alkyl)NR^8R^9, or O-phenyl which is optionally substituted with Br;

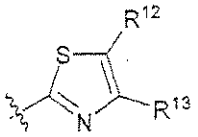
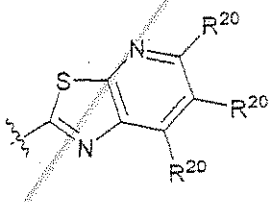
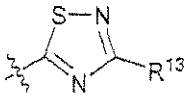
(xiii) phenyl optionally substituted with Cl;

(xiv) a 6-membered heteroaryl having at least one nitrogen;

(xv) C_1-C_6 alkyl, (C_1-C_1 alkyl)- saturated or partially unsaturated C_1-C_6 heterocycle, (C_1-C_1 alkyl)heteroaryl, (C_1-C_1 alkyl)OH, (C_1-C_1 alkyl)CO_2R^8, (C_1-C_1 alkyl)CO_2(C_1-C_1 alkyl), (C_1-C_1 alkyl)NR^8R^9, or (C_2-C_6 alkenyl)CO_2R^8; or

(xvi) Br, Cl or H.

12. The compound according to claim 2 wherein R^1 is selected from:

13. The compound of claim 12, wherein R^{20} is H.

14. The compound according to any of claims 2, 12, or 13, wherein:

G is CH;

Y is CH or N;

Z is CR^3; and

R^{12} is H.

15. The compound according to any of claims 2, 12, 13, or 14 wherein R^2 is:

(i) phenyl optionally substituted with one or more groups independently selected from F, Cl, Br, CN, CF_3, C_1-C_6 alkyl, NO_2, SO_2(C_1-C_6 alkyl), OH, O(C_1-C_6 alkyl), CO_2H, CO_2(C_1-C_6 alkyl), C(O) saturated or partially unsaturated C_1-C_{12} hetercyclyl [optionally

substituted with C_1-C_6 alkyl], saturated or partially unsaturated C_1-C_6 heterocyclyl and $C(O)NR^6R^7$;

(ii) a 5-6 membered heteroaryl ring having 1-2 nitrogen atoms;

(iii) a 9-10 membered bicyclic heteroaryl ring having a having 1 to 2 ring atoms independently selected from N and S;

(iv) a 5 membered saturated or partially unsaturated heterocyclic ring having at least one nitrogen atom, wherein the heterocyclic ring is optionally substituted with CO_2-(C_1-C_6 alkyl), $C(O)NH(C_1$-C_6 alkyl), $C(O)CH_2N(C_1$-C_6 alkyl)$_2$, $C(O)(C_1$-C_6 alkyl)CO_2H, or SO_2-(heteroaryl); or

(v) a 5-6 membered saturated or partially unsaturated cycloalkyl ring.

16. The compound according to any of claims 2, 12, 13, 14, or 15 wherein R^3 is H, Br, Cl, SR^6, OR^6, aryl, heteroaryl, or C_1-C_6 alkyl, wherein said aryl is optionally substituted with Cl and said alkyl is optionally substituted with $C(O)OR^8$, NR^8R^9, or OR^8.

17. The compound according to claim 6 wherein R^{12} is hydrogen and R^3 is H, Br, Cl, SR^6, OR^6, aryl, heteroaryl, or C_1-C_6 alkyl, wherein said aryl is optionally substituted with Cl and said alkyl is optionally substituted with $C(O)OR^8$, NR^8R^9, or OR^8.

18. A compound selected from the group consisting of:

2-(2-(4-methylthiazol-2-ylamino)pyridin-3-yloxy)benzonitrile;

4-(2-(4-methylthiazol-2-ylamino)pyridin-3-yloxy)benzonitrile;

2-(2-(3-methyl-1,2,4-thiadiazol-5-ylamino)pyridin-3-yloxy)benzonitrile;

N-(4-methylthiazol-2-yl)-3-(4-nitrophenoxy)pyridin-2-amine;

3-(4-(methylsulfonyl)phenoxy)-N-(4-methylthiazol-2-yl)pyridin-2-amine;

5-chloro-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

N-(4-methylthiazol-2-yl)-3-phenoxy-5-(phenylthio)pyridin-2-amine;

N-(4-methylthiazol-2-yl)-3-phenoxy-5-phenylpyridin-2-amine;

5-bromo-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

N-(4-methylthiazol-2-yl)-3-phenoxy-5-(pyridin-3-yl)pyridin-2-amine;

N-(4-methylthiazol-2-yl)-3-phenoxy-5-(pyridin-4-yl)pyridin-2-amine;

methyl 3-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)propanoate;

N-(5-(cyclohexylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(benzylthio)-3-phenoxypyridin-2-yl)-4- methylthiazol-2-amine;
4-methyl-N-(3-phenoxy-5-(pyridin-2-ylmethylthio)pyridin-2-yl)thiazol-2-amine;
4-methyl-N-(3-phenoxy-5-(piperidin-4-ylmethylthio)pyridin-2-yl)thiazol-2-amine;
N-(5-chloro-3-phenoxypyridin-2-yl)-4-ethylthiazol-2-amine;
N-(5-chloro-3-phenoxypyridin-2-yl)-4,5-dimethylthiazol-2-amine;

N-(5-chloro-3-phenoxypyridin-2-yl)-4-isobutylthiazol-2-amine;
4-butyl-N-(5-chloro-3-phenoxypyridin-2-yl)thiazol-2-amine;
N-(5-chloro-3-phenoxypyridin-2-yl)-4-cyclopropylthiazol-2-amine;
5-(2-methoxybenzylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;
5-(4-methoxybenzylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;
5-(2-chlorobenzylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;
N-(4-methylthiazol-2-yl)-3-(phenylthio)pyridin-2-amine;
3-(2-chlorophenylthio)-N-(4-methylthiazol-2-yl)pyridin-2-amine;
3-(3-methoxyphenylthio)-N-(4-methylthiazol-2-yl)pyridin-2-amine;
methyl 2-(2-(4-methylthiazol-2-ylamino)pyridin-3-ylthio)benzoate;
3-(cyclopentylthio)-N-(4-methylthiazol-2-yl)pyridin-2-amine;
N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;
N-(4-methylthiazol-2-yl)-3-phenoxy-5-(1-(pyridin-2-yl)ethylthio)pyridin-2-amine;
5-(3-methoxybenzylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;
3-(cyclohex-2-enyloxy)-N-(4-methylthiazol-2-yl)pyridin-2-amine;
3-(cyclopentyloxy)-N-(4-methylthiazol-2-yl)pyridin-2-amine;
5-(3-(dimethylamino)propylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;
N-(5-bromo-3-(phenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
5-(2-chlorophenylthio)-6-(4-methylthiazol-2-ylamino)pyridin-3-ol;
N-(5-methoxy-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
methyl 3-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-yl)propanoate;
3-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-yl)propanoic acid;
3-benzyl-N-(4-methylthiazol-2-yl)pyridin-2-amine;
N-(5-bromo-3-(2-chlorophenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
N-(3-(2-chlorophenylthio)-5-(phenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
methyl 3-(5-(2-chlorophenylthio)-6-(4-methylthiazol-2-ylamino)pyridin-3-ylthio)propanoate;
N-(3-(2-chlorophenylthio)-5-(1-(pyridin-2-yl)ethylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

N-(3-(2-chlorophenylthio)-5-(piperidin-4-ylmethylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

N-(3-(2-chlorophenylthio)-5-(3-(dimethylamino)propylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(2-chlorophenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(3-chlorophenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(2-methoxyphenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(3-methoxyphenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

3-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)phenol;

2-(3-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)phenoxy)acetic acid;

4-methyl-N-(3-phenoxy-5-(3-(2-(piperidin-1-yl)ethoxy)phenylthio)pyridin-2-yl)thiazol-2-amine;

N-(5-(3-(3-(dimethylamino)propoxy)phenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

1-(3-(5-bromo-2-(4-methylthiazol-2-ylamino)pyridin-3-yloxy)pyrrolidin-1-yl)ethanone;

1-(3-(5-bromo-2-(4-methylthiazol-2-ylamino)pyridin-3-yloxy)pyrrolidin-1-yl)-2-(dimethylamino)ethanone;

3-(5-bromo-2-(4-methylthiazol-2-ylamino)pyridin-3-yloxy)-N-isopropylpyrrolidine-1-carboxamide;

N-(5-bromo-3-(1-(1-methyl-1H-imidazol-4-ylsulfonyl)pyrrolidin-3-yloxy)pyridin-2-yl)-4-methylthiazol-2-amine;

5-(2-fluorobenzylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

N-(4-methylthiazol-2-yl)-3-phenoxy-5-(1-(pyridin-2-yl)propylthio)pyridin-2-amine;

2-((6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)methyl)pyridin-3-ol;

3-(2-(3-phenoxy-5-(1-(pyridin-2-yl)ethylthio)pyridin-2-ylamino)thiazol-4-yl)propanoic acid;

4-chloro-3-(2-(4-methylthiazol-2-ylamino)-5-(phenylthio)pyridin-3-yloxy)benzoic acid;

4-chloro-N-(2-(dimethylamino)ethyl)-3-(2-(4-methylthiazol-2-ylamino)-5-(phenylthio)pyridin-3-yloxy)benzamide;

4-chloro-3-(2-(4-methylthiazol-2-ylamino)-5-(1-(pyridin-2-yl)ethylthio)pyridin-3-yloxy)benzoic acid;

4-chloro-N-(2-(dimethylamino)ethyl)-3-(2-(4-methylthiazol-2-ylamino)-5-(1-(pyridin-2-yl)ethylthio)pyridin-3-yloxy)benzamide;

N-(3-(2,6-dichlorophenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

4-methyl-N-(3-(naphthalen-2-ylthio)pyridin-2-yl)thiazol-2-amine;

N-(5-(2-chlorophenylthio)-3- phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(3-chlorophenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(2-methoxyphenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(3-methoxyphenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

methyl 3-(5-(2-chlorophenylthio)-6-(4-methylthiazol-2-ylamino)pyridin-3-ylthio)propanoate;

N-(5-(2,5-dimethoxyphenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(2,5-dichlorophenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(2,5-dimethylphenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(1-(2-(dimethylamino)ethyl)-1H-tetrazol-5-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

4-methyl-N-(5-(4-methyl-4H-1,2,4-triazol-3-ylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;

3-(2-chlorophenylthio)-N-(4-methylthiazol-2-yl)-5-(phenylthio)pyridin-2-amine;

N-(5-([1,2,4]triazolo[4,3-a]pyridin-3-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

2-(4-methyl-5-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-4H-1,2,4-triazol-3-yl)acetonitrile;

methyl 3-(6-(4-phenethylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)propanoate;

methyl 3-(6-(4-(1-methylpiperidin-4-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)propanoate;

methyl 3-(5-(4-fluorophenoxy)-6-(4-phenethylthiazol-2-ylamino)pyridin-3-ylthio)propanoate;

methyl 3-(5-(2-chlorophenylthio)-6-(4-methylthiazol-2-ylamino)pyridin-3-ylthio)propanoate;

methyl 3-(6-(4-methylthiazol-2-ylamino)-5-(phenylthio)pyridin-3-ylthio)propanoate;

tert-butyl 4-(5-(3-(4-fluorophenoxy)-5-(3-methoxy-3-oxopropylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxylate;

tert-butyl 4-((5-(3-(4-fluorophenoxy)-5-(3-methoxy-3-oxopropylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)methyl)piperidine-1-carboxylate;

N-(3-(2-chlorophenylthio)-5-(1-(pyridin-2-yl)ethylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

N-(3-(2-chlorophenylthio)-5-(piperidin-4-ylmethylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

N-(3-(2-chlorophenylthio)-5-(3-(dimethylamino)propylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

4-phenethyl-N-(3-phenoxy-5-(piperidin-4-ylmethylthio)pyridin-2-yl)thiazol-2-amine;
3-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)phenol;
4-methyl-N-(3-phenoxy-5-(3-(2-(piperidin-1-yl)ethoxy)phenylthio)pyridin-2-yl)thiazol-2-amine;
2-(3-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)phenoxy)acetic acid;
N-(5-(3-(3-(dimethylamino)propoxy)phenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

1-(3-(5-bromo-2-(4-methylthiazol-2-ylamino)pyridin-3-yloxy)pyrrolidin-1-yl)ethanone;
1-(3-(5-bromo-2-(4-methylthiazol-2-ylamino)pyridin-3-yloxy)pyrrolidin-1-yl)-2-(dimethylamino)ethanone;
4-(3-(5-bromo-2-(4-methylthiazol-2-ylamino)pyridin-3-yloxy)pyrrolidin-1-yl)-4-oxobutanoic acid;
3-(5-bromo-2-(4-methylthiazol-2-ylamino)pyridin-3-yloxy)-N-isopropylpyrrolidine-1-carboxamide;
N-(5-bromo-3-(1-(1-methyl-1H-imidazol-4-ylsulfonyl)pyrrolidin-3-yloxy)pyridin-2-yl)-4-methylthiazol-2-amine;
N-(5-bromo-3-(2-chlorophenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
4-methyl-N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)thiazol-2-amine;
4-methyl-N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazol-2-amine;
4-methyl-N-(3-phenoxy-5-(pyrimidin-2-ylthio)pyridin-2-yl)thiazol-2-amine;
4-methyl-N-(5-(6-methylpyridin-2-ylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;
4-methyl-N-(5-(4-methylthiazol-2-ylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;
N-(3-(2-chlorophenylthio)-5-(pyridin-4-ylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
4-(1-methylpiperidin-4-yl)-N-(3-phenoxy-5-(phenylthio)pyridin-2-yl)thiazol-2-amine;
N-(3,5-bis(phenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
4-methyl-N-(3-(phenylthio)-5-(pyridin-2-ylthio)pyridin-2-yl)thiazol-2-amine;
3-methyl-N-(3-(phenylthio)-5-(pyridin-2-ylthio)pyridin-2-yl)-1,2,4-oxadiazol-5-amine;
3-methyl-N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)-1,2,4-thiadiazol-5-amine;
N-(5-(4-methoxyphenylthio)-3-phenoxypyridin-2-yl)-3-methyl-1,2,4-thiadiazol-5-amine;
N-(3-(4-fluorophenoxy)-5-(pyridin-2-ylthio)pyridin-2-yl)-3-isobutyl-1,2,4-thiadiazol-5-amine;
(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-yl)methanol;
N-(5-(4-(dimethylamino)but-1-enyl)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
5-(4-(dimethylamino)butyl)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

5-(2-chloropyridin-4-ylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

N-(5-(2-chloropyrimidin-4-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

5-(4,6-dimethylpyrimidin-2-ylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

N-(5-(4,6-dimethoxypyrimidin-2-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

5-(4-methoxypyrimidin-2-ylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

N-(4-methylthiazol-2-yl)-3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-amine;

4-methyl-N-(5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;

N-(5-(2-(methoxymethyl)pyrimidin-4-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

4-phenethyl-N-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)thiazol-2-amine;

N-(5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)-3-phenoxypyridin-2-yl)-4-phenethylthiazol-2-amine;

N-(5-(5-methylpyrazolo[1,5-a]pyrimidin-7-ylthio)-3-phenoxypyridin-2-yl)-4-phenethylthiazol-2-amine;

4-phenethyl-N-(3-phenoxy-5-(thieno[3,2-d]pyrimidin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

4-methyl-N-(5-(5-methylpyrazolo[1,5-a]pyrimidin-7-ylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;

4-methyl-N-(3-phenoxy-5-(thieno[3,2-d]pyrimidin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

4-(1-methylpiperidin-4-yl)-N-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)thiazol-2-amine;

N-(5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)-3-phenoxypyridin-2-yl)-4-(1-methylpiperidin-4-yl)thiazol-2-amine;

N-(5-(2-iodothieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

4-methyl-N-(5-(2-methylthieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;

N-(5-(2-methylthieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-yl)-4-phenethylthiazol-2-amine;

N-(5-(2,5-dimethylpyrazolo[1,5-a]pyrimidin-7-ylthio)-3-phenoxypyridin-2-yl)-4-phenethylthiazol-2-amine;

N-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-phenethylthiazol-2-amine;

N-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)pyridin-2-yl)-4-phenethylthiazol-2-amine;

N-(3-(4-fluorophenoxy)-5-(5-methylpyrazolo[1,5-a]pyrimidin-7-ylthio)pyridin-2-yl)-4-phenethylthiazol-2-amine;

N-(5-(2,5-dimethylpyrazolo[1,5-a]pyrimidin-7-ylthio)-3-(4-fluorophenoxy)pyridin-2-yl)-4-phenethylthiazol-2-amine;

N-(3-(4-fluorophenoxy)-5-(2-methylthieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-phenethylthiazol-2-amine;

4-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)benzonitrile;

N-(3-(2-chlorophenylthio)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

4-(5-phenoxy-6-(4-(piperidin-4-yl)thiazol-2-ylamino)pyridin-3-ylthio)benzonitrile;

N-(5-(furo[3,2-c]pyridin-4-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(2-iodothieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-yl)-4-(piperidin-4-yl)thiazol-2-amine;

4-methyl-N-(3-(phenylthio)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)thiazol-2-amine;

4-methyl-N-(5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)-3-(phenylthio)pyridin-2-yl)thiazol-2-amine;

4-(6-(4-methylthiazol-2-ylamino)-5-(phenylthio)pyridin-3-ylthio)benzonitrile;

4-methyl-N-(3-(phenylthio)-5-(5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

tert-butyl 4-(5-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxylate;

N-(4-cyclopropylthiazol-2-yl)-3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-amine;

4-isobutyl-N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

4-cyclohexyl-N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)-4-(trifluoromethyl) thiazol-2-amine;

methyl 3-(2-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-ylamino)thiazol-4-yl)propanoate;

N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)-4-(pyridin-2-yl)thiazol-2-amine;

N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)-4-phenylthiazol-2-amine;

N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)-4-(thiophen-3-yl)thiazol-2-amine;

4-phenethyl-N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

4-ethyl-N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazol-2-amine;
N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazol-2-amine;
4-isopropyl-N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazol-2-amine;
N-(5-bromo-3-phenoxypyridin-2-yl)-4-(piperidin-4-yl)thiazol-2-amine;
N-(5-bromo-3-phenoxypyridin-2-yl)-4-(1-methylpiperidin-4-yl)thiazol-2-amine;
2-(4-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanol;
1-(4-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;
N-(5-bromo-3-phenoxypyridin-2-yl)-4-phenethylthiazol-2-amine;
N-(5-bromo-3-(4-fluorophenoxy)pyridin-2-yl)-4-phenethylthiazol-2-amine;
N-(5-bromo-3-(phenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
N-(5-bromo-3-(phenylthio)pyridin-2-yl)thiazolo[5,4-b]pyridin-2-amine;

N-(5-bromo-3-(phenylthio)pyridin-2-yl)-3-methyl-1,2,4-oxadiazol-5-amine;
N-(5-bromo-3-phenoxypyridin-2-yl)-3-(tetrahydrofuran-2-yl)-1,2,4-thiadiazol-5-amine;
N-(5-bromo-3-phenoxypyridin-2-yl)-3-methyl-1,2,4-thiadiazol-5-amine;
N-(5-bromo-3-phenoxypyridin-2-yl)-3-(piperidin-4-yl)-1,2,4-thiadiazol-5-amine;
N-(5-bromo-3-phenoxypyridin-2-yl)-3-isobutyl-1,2,4-thiadiazol-5-amine;
N-(5-bromo-3-(phenylthio)pyridin-2-yl)-3-methyl-1,2,4-thiadiazol-5-amine;
N-(5-bromo-3-(phenylthio)pyridin-2-yl)-3-isopropyl-1,2,4-thiadiazol-5-amine;
N-(5-bromo-3-(4-fluorophenoxy)pyridin-2-yl)-3-methyl-1,2,4-thiadiazol-5-amine;
N-(5-bromo-3-(4-fluorophenoxy)pyridin-2-yl)-3-isobutyl-1,2,4-thiadiazol-5-amine;
tert-butyl 4-(5-(5-bromo-3-(4-fluorophenoxy)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxylate;
tert-butyl 4-((5-(5-bromo-3-(4-fluorophenoxy)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)methyl)piperidine-1-carboxylate;
4-methyl-N-(3-(phenylthio)-5-((tetrahydro-2H-pyran-4-yl)methyl)pyridin-2-yl)thiazol-2-amine;
N-(5-(2-chloro-5-methoxyphenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
(R)-4-methyl-N-(5-(5-methyl-6,7-dihydro-5H-cyclopenta[d]pyrimidin-4-ylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;
3-(2-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-ylamino)thiazol-4-yl)propanoic acid;
N-(5-(3,5-dimethylisoxazolo[4,5-b]pyridin-7-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

1-(4-(2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(5-(5-bromo-3-phenoxypyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

1-(4-(5-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

1-(4-(5-(3-(phenylthio)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

1-(4-(2-(3-(phenylthio)-5-(pyridin-2-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

methyl 4-(2-(3-(phenylthio)-5-(pyridin-2-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

1-(4-(2-(3-(phenylthio)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

4-(1-(methylsulfonyl)piperidin-4-yl)-N-(3-(phenylthio)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)thiazol-2-amine;

2-(dimethylamino)-1-(4-(2-(3-(phenylthio)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(5-(3-(4-fluorophenoxy)-5-(5-methylpyrazolo[1,5-a]pyrimidin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

1-(4-(5-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

N-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-3-(1-(methylsulfonyl)piperidin-4-yl)-1,2,4-thiadiazol-5-amine;

2-(dimethylamino)-1-(4-(5-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

3-(phenylthio)-N-(3-(piperidin-4-yl)-1,2,4-thiadiazol-5-yl)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-amine;

N-(3-(phenylthio)-5-(pyridin-2-ylthio)pyridin-2-yl)-4-(piperidin-4-yl)thiazol-2-amine;

tert-butyl 4-(2-(3-(phenylthio)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

tert-butyl 4-(5-(3-(4-fluorophenoxy)-5-(5- methylpyrazolo[1,5-a]pyrimidin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxylate;
sodium 4-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)benzoate;
3-methyl-7-(6-(4-phenethylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)thieno[3,2-b]pyridine-6-carboxylic acid;
3-methyl-7-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)thieno[3,2-b]pyridine-6-carboxylic acid;
N-(5-(6,7-dihydro-5H-pyrrolo[3,4-b]pyridin-4-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
N-(4-methylthiazol-2-yl)-3-phenoxy-5-(5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-4-ylthio)pyridin-2-amine;
1-(4-((5-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)methyl)piperidin-1-yl)ethanone;
1-(4-(5-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo [5,4-b]pyridin-4-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

2-(dimethylamino)-1-(4-(5-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo [5,4-b]pyridin-4-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;
tert-butyl 4-(5-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxylate;
N-(5-((3-methoxypyridin-2-yl)methylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
4-methyl-N-(3-phenoxy-5-(piperidin-4-yl(pyridin-2-yl)methylthio)pyridin-2-yl)thiazol-2-amine;
4-methyl-N-(3-phenoxy-5-(piperidin-4-yl(pyrazin-2-yl)methylthio)pyridin-2-yl)thiazol-2-amine;
4-methyl-N-(3-phenoxy-5-(piperidin-4-yl(pyrimidin-2-yl)methylthio)pyridin-2-yl)thiazol-2-amine;
N-(5-((3-chloropyridin-2-yl)(piperidin-4-yl)methylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
N-(2-(dimethylamino)ethyl)-3-(2-(4-isobutylthiazol-2-ylamino)-5-(pyrimidin-2-ylthio)pyridin-3-yloxy)benzamide;2-(4-((6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)(pyridin-2-yl)methyl)piperidin-1-yl)ethanol;

4-methyl-N-(5-((1-methylpiperidin-4-yl)(pyridin-2-yl)methylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;

N-(5-((1-isopropyl piperidin-4-yl)(pyridine -2-yl)methylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

1-((6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)methyl)pyrrolidin-2-one;

ethyl 2-(1-methylpiperidin-4-yl)-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)acetate;

2-(1-methylpiperidin-4-yl)-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)ethanol;

N-ethyl-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-2-(piperidin-4-yl)acetamide; 2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-2-(piperidin-4-yl)-1-(pyrrolidin-1-yl)ethanone;

1-(indolin-1-yl)-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-2-(piperidin-4-yl)ethanone;

1-(7-azabicyclo[2.2.1]heptan-7-yl)-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-2-(piperidin-4-yl)ethanone;

1-(2-methylpiperidin-1-yl)-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-2-(piperidine-4-yl)ethanone *mixture of diastereomers;

2-(4-((6-(4-phenethylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)(pyridin-2-yl)methyl)piperidin-1-yl)ethanol;

4-methyl-N-(3-phenoxy-5-(1-(pyridin-2-yl)ethylthio)pyridin-2-yl)thiazol-2-amine;

N-(5-(3-(dimethylamino)-1-phenylpropylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

5-((5-cyclopropyl-1,3,4-thiadiazol-2-yl)methylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

5-((1,2,4-oxadiazol-3-yl)methylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

5-((5-methylisoxazol-3-yl)methylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

5-((3,5-dimethylisoxazol-4-yl)methylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

5-((5-chloro-1,2,4-thiadiazol-3-yl)methylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

N-(5-(isoquinolin-1-ylmethylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(4-((6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)methyl)thiazol-2-yl)acetamide;

N-(5-((5-cyclopropyl-1,3,4-thiadiazol-2-yl)methylthio)-3-(phenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

4-methyl-N-(5-((5-methylisoxazol-3-yl)methylthio)-3-(phenylthio)pyridin-2-yl)thiazol-2-amine;

N-(5-((3,5-dimethylisoxazol-4-yl)methylthio)-3-(phenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-1-(pyrrolidin-1-yl)ethanone;

N-(2-(dimethylamino) ethyl)-N-methyl-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)acetamide;

1-(4-methylpiperazin-1-yl)-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)ethanone;

2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-N-(2-(pyrrolidin-1-yl)ethyl)acetamide;

{5-[(1,1-dioxo-hexahydro-1λ^6-thiopyran-4-yl)-pyridin-2-yl-methylsulfanyl]-3-phenoxy-pyridin-2-yl}-(4-methyl-thiazol-2-yl)-amine;

N-(5-bromo-3-phenoxypyridin-2-yl)-4-(2-(methylthio)ethyl)thiazol-2-amine;

N-(5-bromo-3-phenoxypyridin-2-yl)-4-(2-(methylsulfonyl)ethyl)thiazol-2-amine;

4-methyl-N-(3-phenoxy-5-(1-(piperidin-4-yl)ethylthio)pyridin-2-yl)thiazol-2-amine;

N-(5-(benzyloxy)-3-(phenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

4-methyl-N-(3-(phenylthio)-5-(2-(piperidin-4-yl)ethyl)pyridin-2-yl)thiazol-2-amine;

2,2-dimethyl-3-(2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)propanoic acid;

tert-butyl 4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxylate;

3-isobutyl-N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)-1,2,4-thiadiazol-5-amine;

3-isopropyl-N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)-1,2,4-thiadiazol-5-amine;

N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)-3-(tetrahydrofuran-2-yl)-1,2,4-thiadiazol-5-amine;

N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)-3-(piperidin-4-yl)-1,2,4-thiadiazol-5-amine;

1-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

2-methoxy-1-(4-(5-(3-phenoxy-5-(piperidi-2-ylthio)piperidi-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-yl)ethanone;

2-(dimethylamino)-1-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

N,N-dimethyl-4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxamide;

N,N-dimethyl-4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-sulfonamide;

2-methyl-1-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)propan-1-one;

3-(1-(methylsulfonyl)piperidin-4-yl)-N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)-1,2,4-thiadiazol-5-amine;

2-oxo-2-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethyl acetate;

4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxamide;

2-hydroxy-1-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone

tert-butyl 2-oxo-2-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethylcarbamate;

(R)-2-hydroxy-1-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)propan-1-one;

2-methyl-1-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)propan-1-one;

2-amino-1-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

2-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanol;

4-(5-(3-Phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-sulfonamide;

3-(1-(2-aminoethylsulfonyl)piperidin-4-yl)-N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)-1,2,4-thiadiazol-5-amine;

tert-butyl 3-methyl-4-(2-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

1-(3-methyl-4-(2-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

N-(5-bromo-3-phenoxypyridin-2-yl)thiazolo[5,4-b]pyridin-2-amine;

Methyl 3-(5-phenoxy-6-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-ylthio)propanoate;

N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazolo[5,4-b]pyridin-2-amine;

4-(2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-ylthio)benzonitrile;

2-(2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-ylthio)benzonitrile;

4-(5-phenoxy-6-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-ylthio)benzonitrile;

N-(3-phenoxy-5-(pyrimidin-2-ylthio)pyridin-2-yl)thiazolo[5,4-b]pyridin-2-amine;

N-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)thiazolo[5,4-b]pyridin-2-amine;

N-(3-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)thiazolo[5,4-b]pyridin-2-amine;

N-(5-bromo-3-phenoxypyrazin-2-yl)thiazolo[5,4-b]pyridin-2-amine;

N-(5-bromo-3-(4-fluorophenoxy)pyridin-2-yl)thiazolo[5,4-b]pyridin-2-amine;

4-(5-bromo-2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-yloxy)benzonitrile;

4-(5-bromo-2-(4-methylthiazol-2-ylamino)pyridin-3-yloxy)benzonitrile;

methyl 4-(5-bromo-2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-ylthio)benzoate;

4-(5-bromo-2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-yloxy)-2-(trifluoromethyl)benzonitrile;

4-(5-bromo-2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-ylthio)benzoic acid;

ethyl 2-(5-bromo-2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-ylthio)-5-fluorobenzoate;

4-(5-bromo-2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-yloxy)-3-methylbenzonitrile;

4-(5-bromo-2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-yloxy)-3-fluorobenzonitrile;

4-(5-bromo-2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-yloxy)-3-chlorobenzonitrile;

3-(5-bromo-2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-yloxy)-4-chlorobenzonitrile;

3-methyl-N-(5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)-3-phenoxypyrazin-2-yl)-1,2,4-thiadiazol-5-amine;

N-(5-bromo-3-(4-fluorophenoxy)pyrazin-2-yl)-3-methyl-1,2,4-thiadiazol-5-amine;

3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)propanoic acid;

3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-2,2-dimethylpropanoic acid;

3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-3-methylbutanoic acid;

2-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-2-methylpropanoic acid;

2-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)acetic acid;

3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)propanenitrile;

4-benzyl-N-(5-bromo-3-phenoxypyridin-2-yl)thiazol-2-amine;

N-(5-bromo-3-phenoxypyridin-2-yl)-4-(chloromethyl)thiazol-2-amine;

3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-N-methylpropanamide;

3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-N,N-dimethylpropanamide;

3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-1-(pyrrolidin-1-yl)propan-1-one;

3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-N-(2-methoxyethyl)propanamide;

3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-N-(2-hydroxyethyl)propanamide;

3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-N-(2-(dimethylamino)ethyl)propanamide;

2-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-N-methylacetamide;

2-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-N,N-dimethylacetamide;

2-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-1-(pyrrolidin-1-yl)ethanone;

2-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-N-(2-methoxyethyl)acetamide;

2-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-N-(2-hydroxyethyl)acetamide;

2-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-N-(2-(dimethylamino)ethyl)acetamide;

3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-N-(2-hydroxyethyl)-2,2-dimethylpropanamide;

N-(5-bromo-3-phenoxypyridin-2-yl)-4-(2-(5-methyl-1,3,4-oxadiazol-2-yl)ethyl)thiazol-2-amine;

N-(5-bromo-3-phenoxypyridin-2-yl)-4-((5-methyl-1,3,4-oxadiazol-2-yl)methyl)thiazol-2-amine;

N-(5-bromo-3-phenoxypyridin-2-yl)-4-(2-(5-isopropyl-1,3,4-oxadiazol-2-yl)ethyl)thiazol-2-amine;

N-(5-bromo-3-phenoxypyridin-2-yl)-4-(2-(3-methyl-1,2,4-oxadiazol-5-yl)ethyl)thiazol-2-amine;

N-(5-bromo-3-phenoxypyridin-2-yl)-4-((3-methyl-1,2,4-oxadiazol-5-yl)methyl)thiazol-2-amine;

N-(5-bromo-3-phenoxypyridin-2-yl)-4-(2-(5-methyloxazol-2-yl)ethyl)thiazol-2-amine;

N-(5-bromo-3-phenoxypyridin-2-yl)-4-((5-methyloxazol-2-yl)methyl)thiazol-2-amine;

4-(2-(1H-tetrazol-5-yl)ethyl)-N-(5-bromo-3-phenoxypyridin-2-yl)thiazol-2-amine;

N-(5-bromo-3-phenoxypyridin-2-yl)-4-(phenoxymethyl)thiazol-2-amine;

N-(5-bromo-3-phenoxypyridin-2-yl)-4-((phenylamino)methyl)thiazol-2-amine;

N-((2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)methyl)-5-methyl-1,3,4-oxadiazol-2-amine;

N-(5-bromo-3-phenoxypyridin-2-yl)-4-(pyrrolidin-1-ylmethyl)thiazol-2-amine;

5-bromo-3-phenoxy-N-(4-(phenylthiomethyl)thiazol-2-yl)pyridin-2-amine;

5-(2-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)ethyl)-1,3,4-oxadiazol-2-ol;

N-(5-bromo-3-phenoxypyridin-2-yl)-4-(2-(5-methyl-1,2,4-oxadiazol-3-yl)ethyl)thiazol-2-amine;

N-(5-bromo-3-(phenylthio)pyridin-2-yl)-4-(2-(5-methyl-1,3,4-oxadiazol-2-yl)ethyl)thiazol-2-amine;

N-(5-bromo-3-(4-(trifluoromethyl)phenoxy)pyridin-2-yl)-3-(tetrahydrofuran-2-yl)-1,2,4-thiadiazol-5-amine;

N-(5-(pyridin-2-ylthio)-3-(4-(trifluoromethyl)phenoxy)pyridin-2-yl)-3-(tetrahydrofuran-2-yl)-1,2,4-thiadiazol-5-amine;

N-(4-(2-(5-methyloxazol-2-yl)ethyl)thiazol-2-yl)-3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-amine;

4-(2-(5-methyloxazol-2-yl)ethyl)-N-(3-phenoxy-5-(piperidin-4-ylmethylthio)pyridin-2-yl)thiazol-2-amine;

N-(5-bromo-3-(4-fluorophenylthio)pyridin-2-yl)thiazolo[5,4-b]pyridin-2-amine;

methyl 3-(5-bromo-2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-ylthio)benzoate;

N-(3-(1-methyl-1H-imidazol-2-ylthio)pyridin-2-yl)thiazolo[5,4-b]pyridin-2-amine;

5-bromo-3-(4-fluorophenylthio)-N-(4-methylthiazol-2-yl)pyridin-2-amine;

methyl 2-(5-bromo-2-(4-methylthiazol-2-ylamino)pyridin-3-ylthio)-1-methyl-1H-imidazole-5-carboxylate;

5-bromo-N-(4-methylthiazol-2-yl)-3-(pyrimidin-2-ylthio)pyridin-2-amine;

3-(5-bromo-2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-ylthio)benzoic acid;

3-(5-bromo-2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-ylthio)-N-(2-(dimethylamino)ethyl)benzamide;

(4-(5-bromo-2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-ylthio)phenyl)(4-methylpiperazin-1-yl)methanone;

4-(5-bromo-2-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-ylthio)-N-(2-(dimethylamino)ethyl)benzamide;

2-(5-bromo-2-(4-methylthiazol-2-ylamino)pyridin-3-ylthio)-N-(2-(dimethylamino)ethyl)-1-methyl-1H-imidazole-5-carboxamide;

3-(5-bromo-2-(4-methyl-thiazol-2-ylamino) pyridin-3-ylthio)-N-(2-(dimethylamino)ethyl)benzamide;

(2-(5-bromo-2-(4-methylthiazol-2-ylamino)pyridin-3-ylthio)-1-methyl-1H-imidazol-5-yl)methanol;

3-(5-bromo-2-(4-methylthiazol-2-ylamino)pyridin-3-ylthio)benzoic acid;

3-(5-bromo-2-(4-methylthiazol-2-ylamino)pyridin-3-ylthio)benzamide;

3-(5-Bromo-2-(4-methylthiazol-2-ylamino)pyridin-3-ylthio)benzonitrile;

4-methyl-N-(3-(2-(trifluoromethyl)phenylthio)pyridin-2-yl)thiazol-2-amine;

4-methyl-N-(3-(m-tolylthio)pyridin-2-yl)thiazol-2-amine;

3-(2-(4-methylthiazol-2-ylamino)pyridin-3-ylthio)phenol;

N-(3-(2-fluorophenylthio)-5-(phenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

N-(3-(2-bromo-5-morpholinophenoxy)pyridin-2-yl)-4-methylthiazol-2-amine;

methyl 3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-2-methoxy-2-methylpropanoate;

3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-2-methoxy-2-methylpropanoic acid;

3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-2-methoxy-2-methyl-1-(pyrrolidin-1-yl)propan-1-one;

3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-N-(2-hydroxyethyl)-2-methoxy-2-methylpropanamide;

N'-(3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)-2-methoxy-2-methylpropanoyl)-N,N-dimethylformohydrazonamide;

3-(2-(5-bromo-3-(phenylthio)pyridin-2-ylamino)thiazol-4-yl)-2-methoxy-2-methylpropanoic acid;

3-(2-(5-bromo-3-(phenylthio)pyridin-2-ylamino)thiazol-4-yl)-N-(2-hydroxyethyl)-2-methoxy-2-methylpropanamide;

3-(2-(5-bromo-3-(phenylthio)pyridin-2-ylamino)thiazol-4-yl)-2-methoxy-N-(2-methoxyethyl)-2-methylpropanamide;

3-(2-(5-bromo-3-(phenylthio)pyridin-2-ylamino)thiazol-4-yl)-N-(2-hydroxyethyl)-2-methoxy-N,2-dimethylpropanamide;

3-(2-(5-bromo-3-(phenylthio)pyridin-2-ylamino)thiazol-4-yl)-1-((R)-3-hydroxypyrrolidin-1-yl)-2-methoxy-2-methylpropan-1-one;

1-((2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)methyl)pyrrolidin-2-one;

3-((2-(5-bromo-3-(phenylthio)pyridin-2-ylamino)thiazol-4-yl)methyl)-1-methylpyrrolidin-2-one;

3-((2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)methyl)-1-methylpyrrolidin-2-one;

3-((2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)methyl)pyrrolidin-2-one;

3-((2-(5-bromo-3-(phenylthio)pyridin-2-ylamino)thiazol-4-yl)methyl)pyrrolidin-2-one;

4-amino-2-((2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)methyl)butanoic acid

1-(4-(2-(5-bromo-3-(phenylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

2-(dimethylamino)-1-(4-(5-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

1-(4-((5-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)methyl)piperidin-1-yl)ethanone;

1-(4-(5-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

2-(dimethylamino)-1-(4-(5-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

5-(3-bromophenoxy)-3-(3-methoxyphenylthio)-N-(3-(tetrahydrofuran-2-yl)-1,2,4-thiadiazol-5-yl)pyridin-2-amine;

3-(3-methoxyphenylthio)-5-phenoxy-N-(3-(tetrahydrofuran-2-yl)-1,2,4-thiadiazol-5-yl)pyridin-2-amine;

1-(3-(5-(3-methoxyphenylthio)-6-(3-(tetrahydrofuran-2-yl)-1,2,4-thiadiazol-5-ylamino)pyridin-3-yloxy)phenyl)ethanol;

3-(2-bromo-4-fluorophenoxy)-5-(3-methoxyphenylthio)-N-(4-(piperidin-4-yl)thiazol-2-yl)pyridin-2-amine;

4-(2-(3-(4-fluorophenoxy)-5-(3-methoxyphenylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate trifluoroacetate;

1-(4-(2-(3-(4-fluoro-2-methylphenoxy)-5-(3-methoxyphenylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(3-(4-fluorophenoxy)-5-(3-methoxyphenylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(3-(2-bromo-4-fluorophenoxy)-5-(3-methoxyphenylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(3-(2-bromo-4-fluorophenoxy)-5-(3- methoxyphenylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)-2-(dimethylamino)ethanone;

1-(4-(2-(5-(thieno[3,2-b]pyridin-7-ylthio)-3-(4-(trifluoromethyl)phenoxy)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(5-(thieno[3,2-b]pyridin-7-ylthio)-3-(2-(trifluoromethyl)phenoxy)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(5-(2-methylthieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(5-(4-methoxypyrimidin-2-ylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

4-(6-(4-(1-acetylpiperidin-4-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)benzonitrile;

4-(6-(4-(1-acetylpiperidin-4-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-3-(trifluoromethyl)benzonitrile;

4-(6-(4-(1-acetylpiperidin-4-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-2-(trifluoromethyl)benzonitrile;

6-(6-(4-(1-acetylpiperidin-4-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)nicotinonitrile;

5-(6-(4-(1-acetylpiperidin-4-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-3-methoxypicolinonitrile;

Ethyl 6-(6-(4-(1-acetylpiperidin-4-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)picolinate;

1-(4-(2-(3-phenoxy-5-(6-(trifluoromethyl)pyridin-3-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(5-(6-bromothieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(5-(5-(thieno[3,2-b]pyridin-7-ylthio)-3-(2-(trifluoromethyl)phenoxy)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

tert-butyl 4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

N-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-(piperidin-4-yl)thiazol-2-amine;

1-(4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

2-(4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)-2-oxoethyl acetate;

isopropyl 4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

2-(dimethylamino)-1-(4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

N-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-(1-(methylsulfonyl)piperidin-4-yl)thiazol-2-amine;

N-(1-(4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)-1-oxopropan-2-yl)acetamide;

N-(2-(4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)-2-oxoethyl)acetamide;

4-(1-(2-aminoethylsulfonyl)piperidin-4-yl)-N-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)thiazol-2-amine;

4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-sulfonamide 2,2,2-trifluoroacetate

4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxamide;

tert-butyl 4-(2-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

N-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)pyridin-2-yl)-4-(piperidin-4-yl)thiazol-2-amine;

1-(4-(2-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

2-(dimethylamino)-1-(4-(2-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

methyl 4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxylate;

1-(4-(2-(5-(3-methylthieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(5-(5-chlorothieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

tert-butyl 4-((2-(5-bromo-3-(4-fluorophenoxy)pyridin-2-ylamino)thiazol-4-yl)methyl)-3-oxopiperazine-1-carboxylate;

1-((2-(5-bromo-3-(4-fluorophenoxy)pyridin-2-ylamino)thiazol-4-yl)methyl)piperazin-2-one;

1-(4-(2-(3-phenoxy-5-(thieno[2,3-d]pyrimidin-4-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

tert-butyl 4-((2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)methyl)piperidine-1-carboxylate;

tert-butyl 3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

tert-butyl 3-(2-(5-bromo-3-phenoxypyridin-2-ylamino)thiazol-4-yl)pyrrolidine-1-carboxylate;

tert-butyl 4-(2-(5-bromo-3-(4-cyanophenoxy)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

tert-butyl 3-(5-(5-bromo-3-phenoxypyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)pyrrolidine-1-carboxylate;

tert-butyl 4-((2-(5-(3-methoxy-3-oxopropylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)methyl)piperidine-1-carboxylate;

tert-butyl 4-(2-(3-(4-cyanophenoxy)-5-(3-methoxy-3-oxopropylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

tert-butyl 3-(5-(5-(3-methoxy-3-oxopropylthio)-3-phenoxypyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)pyrrolidine-1-carboxylate;

tert-butyl 3-(2-(5-(3-methoxy-3-oxopropylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

tert-butyl 3-(2-(5-(3-methoxy-3-oxopropylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)pyrrolidine-1-carboxylate;

tert-butyl 4-((2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)methyl)piperidine-1-carboxylate;

tert-butyl 4-((2-(5-(4-cyanophenylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)methyl)piperidine-1-carboxylate;

tert-butyl 3-((2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)methyl)piperidine-1-carboxylate;

tert-butyl 3-(5-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)pyrrolidine-1-carboxylate;

tert-butyl 3-(2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)pyrrolidine-1-carboxylate;

tert-butyl 3-(2-(5-(4-cyanophenylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

tert-butyl 3-(5-(5-(4-cyanophenylthio)-3-phenoxypyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)pyrrolidine-1-carboxylate;

N-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-(piperidin-4-ylmethyl)thiazol-2-amine;

N-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-(piperidin-3-yl)thiazol-2-amine;

N-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-3-(pyrrolidin-3-yl)-1,2,4-thiadiazol-5-amine;

N-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-(pyrrolidin-3-yl)thiazol-2-amine;

4-(5-phenoxy-6-(4-(piperidin-4-ylmethyl)thiazol-2-ylamino)pyridin-3-ylthio)benzonitrile;

4-(5-phenoxy-6-(3-(pyrrolidin-3-yl)-1,2,4-thiadiazol-5-ylamino)pyridin-3-ylthio)benzonitrile;

4-(5-phenoxy-6-(3-(piperidin-3-yl)-1,2,4-thiadiazol-5-ylamino)pyridin-3-ylthio)benzonitrile;

1-(4-((2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)methyl)piperidin-1-yl)ethanone;

1-(3-(2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(3-(5-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)pyrrolidin-1-yl)ethanone;

1-(3-(2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)pyrrolidin-1-yl)ethanone;

4-(6-(4-(1-acetylpiperidin-3-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)benzonitrile;

4-(6-(3-(1-acetylpyrrolidin-3-yl)-1,2,4-thiadiazol-5-ylamino)-5-phenoxypyridin-3-ylthio)benzonitrile;

4-(6-(4-((1-acetylpiperidin-4-yl)methyl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)benzonitrile; and

1-(4-(2-(5-(2-chloropyridin-4-ylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

or a pharmaceutically acceptable salt thereof.

19. A composition comprising a compound according to any of claims 1-18 and a pharmaceutically acceptable diluent or carrier.

20. A compound according to any of claims 1-18 for use in therapy.

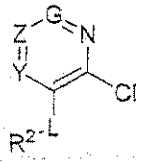
21. The use of a compound according to any of claims 1-18 in the manufacture of a medicaments for the treatment of insulin dependent diabetes or non-insulin dependent diabetes mellitus.

22. A compound according to any of claims 1-18 for use in treating disease or condition in a mammal resulting from underactivity of glucokinase or which can be treated by activating glucokinase.

23. The compound of claim 22, wherein said disease or condition is insulin-dependent diabetes mellitus or non-insulin-dependent diabetes mellitus.

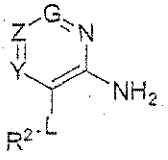
24. A method of preparing a compound of claim 1, said method comprising:

(a) reacting a compound of the formula



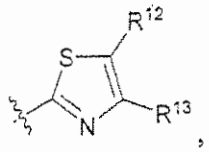
with a compound of the formula R^1NH_2 in the presence of a base catalyst or metal catalyst; or

(b) reacting a compound of the formula

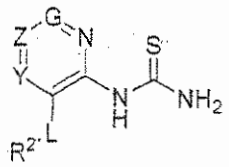


with a compound of the formula R^1-X, wherein X is Cl or Br, in the presence of a base catalyst or metal catalyst; or

(c) for a compound of Formula I wherein R^1 is

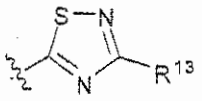


reacting a compound of the formula

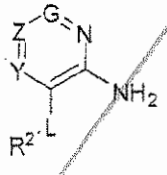


with a compound of the formula $R^{13}COCHR^{12}X$, wherein X is a leaving group, in the presence of a base; or

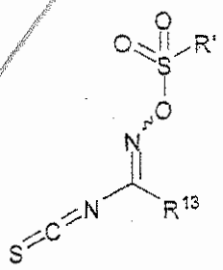
(d) for a compound of Formula I wherein R^1 is



reacting a compound of the formula

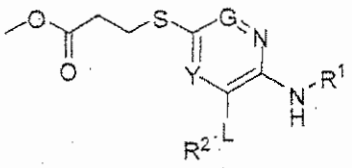


with a compound having the formula



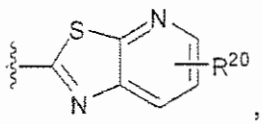
where R' is C_1-C_6 alkyl or aryl optionally substituted with C_1-C_6 alkyl, in the presence of a base;

(e) for a compound of Formula I wherein Z is SR^6, reacting a corresponding compound having the formula

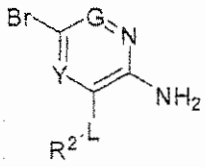


with a compound having the formula R^6X wherein X is a leaving group or atom in the presence of a base;

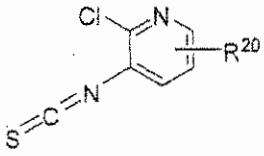
(f) for a compound of Formula I wherein R^1 is



reacting a corresponding compound having the formula

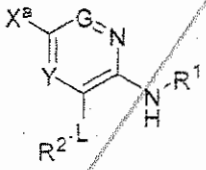


with a compound having the formula



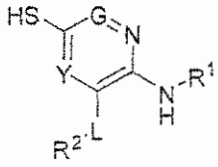
at elevated temperatures; or

g) for a compound of Formula **I** wherein Z is CR^3, reacting a corresponding compound having the formula



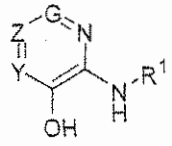
wherein X^a is a leaving group or atom (e.g., a halogen such as Br, Cl or I,) with a compound having the formula R^3-X^b wherein X^b is a leaving group or atom, in the presence of a suitable base; or

h) for a compound of Formula **I** wherein Z is C-SR^6 and R^6 is alkyl, CH_2-aryl, heteroaryl, or aryl and wherein said R^6 groups are optionally substituted, reacting a corresponding compound having the formula



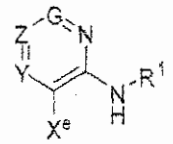
with a compound having the formula R^6-X^c wherein X^c is a leaving group or atom, in the presence of a suitable base; or

i) for a compound of Formula **I** wherein L is O, reacting a corresponding compound having the formula



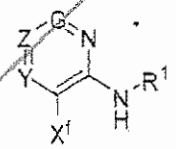
with a compound having the formula R^2-X^d, wherein X^d is a leaving group or atom, in the presence of a base, or in the presence of a copper or palladium catalyst; or

j) for a compound of Formula I wherein L is O or S, reacting a corresponding compound having the formula



wherein X^e is a leaving group or atom with a compound having the formula R^2LH wherein L is O or S, respectively; in the presence of a palladium catalyst and a suitable base; or

k) for a compound of Formula I wherein L is CH_2, reacting a corresponding compound having the formula

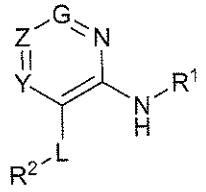


wherein X^f is a leaving group or atom (e.g., Cl, Br, I, OTf or acetyloxy) in the presence of an organozinc compound having the formula R^2-Zn-X^g wherein X^g is a halide, and a nickel or palladium catalyst; and

removing any protecting group or groups and, if desired, forming a salt.

Claims

1. A compound selected from the Formula



I

and salts thereof, wherein:

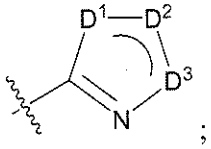
L is O, S, C(=O) or CHR^{14};

Y is CR^4;

Z is CR^3;

G is CR^{11};

R^1 is a heteroaryl ring represented by the formula



;

D^1 is S;

D^2 is N or CR^{12};

D^3 is S, O or CR^{13};

R^2 is aryl, heteroaryl, saturated or partially unsaturated cycloalkyl, or saturated or partially unsaturated heterocyclyl, wherein said aryl, heteroaryl, cycloalkyl and heterocyclyl are monocyclic or bicyclic and are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl, heteroaryl, F, Cl, Br, I, CF_3, CN, NO_2, OR^6, $C(=O)R^6$, $C(=O)OR^6$, $OC(=O)R^6$, $O(CH_2)_nC(=O)OR^6$, $O(CH_2)_nC(=O)NR^6R^7$, $C(=O)NR^6R^7$, NR^6R^7, $NR^6C(=O)R^7$, SR^6, $S(O)R^6$, and $S(O)_2R^6$, and wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl, and heteroaryl are optionally substituted with one or more groups independently selected from oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 V_n-cycloalkyl, saturated and partially unsaturated C_1-C_6 V_n-heterocyclyl, V_n-aryl, V_n-heteroaryl, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8, V_n-$C(=O)R^8$, V_n-$C(=O)OR^8$, V_n-$OC(=O)R^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, V_n-SR^8, V_n-$S(O)R^8$, and V_n-$S(O)_2R^8$;

R^3 is SR^6, $S(O)R^6$, $S(O)_2R^6$ or $S(O)_2NR^6R^7$;

R^4 is H;

R^6 and R^7 are independently H, C_1-C_{12} alkyl, C_2-C_{12} alkenyl, C_2-C_{12} alkynyl, saturated or partially unsaturated C_3-C_{12} cycloalkyl, saturated or partially unsaturated C_1-C_{12} heterocyclyl, V_n-aryl, or V_n-heteroaryl, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl and heteroaryl portions are optionally substituted with one or more groups independently selected from oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl [optionally substituted with C(O)O(1-6C alkyl), (1-6C)alkyl or (1-6C alkyl)OH], V_n-aryl, V_n-heteroaryl, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8, V_n-$C(=O)R^8$, V_n-$C(=O)OR^8$, V_n-$OC(=O)R^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, V_n-SR^8, V_n-$S(O)R^8$, V_n-$S(O)_2R^8$, V_n-$S(O)_2NR^8R^9$, and (C_1-C_6 alkyl)OH;

or R^6 and R^7 together with the atoms to which they are attached form a saturated or partially unsaturated heterocyclic ring, wherein said heterocyclic ring optionally comprises one or more additional ring heteroatoms independently selected from N, O or S, wherein said heterocyclic ring is optionally substituted with one or more groups independently selected from oxo, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-OR^8, V_n-$C(=O)OR^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, V_n-$NR^8C(=O)NR^9R^{10}$, C_1-C_6 alkyl, C_2-C_6 alkenyl, and C_2-C_6 alkynyl;

R^8, R^9 and R^{10} are independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl or heteroaryl, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl and heteroaryl are optionally substituted with one or more groups independently selected from oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-aryl, V_n-heteroaryl, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-OR^a, V_n-NR^aR^b, V_n-$C(=O)OR^a$, V_n-$C(=O)NR^aR^b$, and V_n-$NR^aC(=O)R^b$,

or R^8 and R^9 together with the atoms to which they are attached form a saturated or partially unsaturated heterocyclic ring, wherein said heterocyclic ring optionally comprises one or more additional ring heteroatoms independently selected from N, O or S, wherein said heterocyclic ring is optionally substituted with one or more groups independently selected from oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-OR^a, and V_n-CN,

or R^9 and R^{10} together with the atoms to which they are attached form a saturated or partially unsaturated heterocyclic ring, wherein said heterocyclic ring optionally comprises one or more additional ring heteroatoms independently selected from N, O or S, wherein said heterocyclic ring is optionally substituted with one or more groups independently selected from oxo,C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-OR^a, and V_n-CN;

R^{11} is H;

R^{12} and R^{13} are independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, CH_2-heterocyclyl, aryl, heteroaryl, (1-3C alkyl)heteroaryl, $(CH_2)_n(CR^xR^y)C(O)NR^8R^9$, $(CH_2)_n(CR^xR^y)C(O)NH\text{-}N{=}CHNR^8R^9$, F, Cl, Br, I, CF_3, CN, OR^6, $C(=O)R^6$, $C(=O)OR^6$, $OC(=O)R^6$, $C(=O)NR^6R^7$, NR^6R^7, $NR^6C(=O)R^7$, SR^6, $S(O)R^6$, $S(O)_2R^6$, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl and heteroaryl are optionally substituted with one or more groups independently selected from oxo, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8, V_n-$C(=O)OR^8$, V_n-$OC(=O)R^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, $C(O)(C_1$-C_6 alkyl), C(O)-heterocycle [optionally substituted with O-(C_1-C_6 alkyl], SR^a, SO_2R^f, $SO_2NR^cR^e$, $C(O)(C_1$-C_6 alkyl)NR^cR^d, $C(O)(C_1$-C_6 alkyl)OR^c, $C(O)CH_2C(O)(C_1$-C_6 alkyl), $C(=O)CHR^gNHC(=O)(C_1$-C_6 alkyl), $C(=O)CH_2OC(=O)(C_1$-C_6 alkyl), C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-aryl, and V_n-heteroaryl, wherein said heterocyclyl is optionally substituted with one or more oxo,

or R^{12} and R^{13} together with the atoms to which they are attached form a saturated, partially unsaturated or aromatic carbocyclic or heterocyclic ring, wherein said carbocyclic and heterocyclic rings are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl, heteroaryl, oxo, F, Cl, Br, I, CF_3, CN, OR^6, $C(=O)R^6$, $C(=O)OR^6$, $OC(=O)R^6$, $C(=O)NR^6R^7$, NR^6R^7, $NR^6C(=O)R^7$, SR^6, $S(O)R^6$, $S(O)_2R^6$ and $SO_2NR^6R^7$, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl and heteroaryl are optionally substituted with one or more groups independently selected from oxo, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8, V_n-$C(=O)OR^8$, V_n-$OC(=O)R^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated

and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-aryl, and V_n-heteroaryl;

R^{14} is H, methyl, ethyl or OH;

R^a and R^b are independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated V_n-C_3-C_6 cycloalkyl, saturated and partially unsaturated V_n-C_1-C_6 heterocyclyl, V_n-aryl, or V_n-heteroaryl, wherein said alkyl, alkenyl, alkynyl, saturated or partially unsaturated V_n-cycloalkyl, saturated or partially unsaturated V_n-heterocyclyl, V_n-aryl, and V_n-heteroaryl are optionally substituted with one or more OH;

each R^c, R^e and R^g is independently H or C_1-C_6 alkyl;

R^d is H, C_1-C_6 alkyl or C(O)O(C_1-C_6 alkyl);

R^f is C_1-C_6 alkyl or (C_1-C_6 alkyl)NH_2;

R^x is H or C_1-C_6 alkyl;

R^y is H, C_1-C_6 alkyl, or -O(C_1-C_6 alkyl);

V is alkylene having from 1 to 12 carbons, or alkenylene or alkynylene each having from 2 to 12 carbons, wherein said alkylene, alkenylene, or alkynylene are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl, heteroaryl, F, Cl, Br, I, CF_3, cyano, OR^8, $C(=O)OR^8$, $OC(=O)R^8$, $C(=O)NR^8R^9$, NR^8R^9, (C_1-C_6 alkyl)NR^cR^e, and $NR^8C(=O)R^9$; and

n is 0 or 1.

2. The compound of claim 1, wherein:

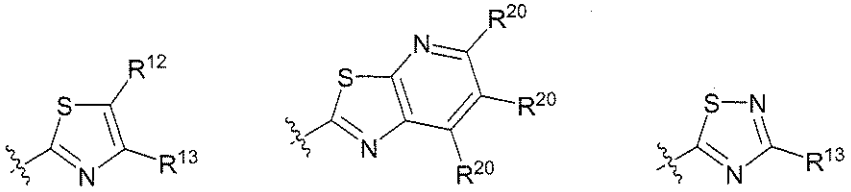
R^6 and R^7 are optionally substituted with one or more groups independently selected from oxo, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-aryl, V_n-heteroaryl, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8, V_n-$C(=O)R^8$, V_n-$C(=O)OR^8$, V_n-$OC(=O)R^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, V_n-SR^8, V_n-$S(O)R^8$, V_n-$S(O)_2R^8$, and V_n-$S(O)_2NR^8R^9$, and

R^{12} and R^{13} are independently H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl, heteroaryl, F, Cl, Br, I, CF_3, CN, OR^6, $C(=O)R^6$, $C(=O)OR^6$, $OC(=O)R^6$, $C(=O)NR^6R^7$,

NR^6R^7, $NR^6C(=O)R^7$, SR^6, $S(O)R^6$ or $S(O)_2R^6$, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl and heteroaryl are optionally substituted with one or more groups independently selected from oxo, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8, V_n-$C(=O)OR^8$, V_n-$OC(=O)R^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-aryl, and V_n-heteroaryl, wherein said heterocyclyl is optionally substituted with one or more oxo,

or R^{12} and R^{13} together with the atoms to which they are attached form a saturated, partially unsaturated or aromatic carbocyclic or heterocyclic ring, wherein said carbocyclic and heterocyclic rings are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl, heteroaryl, oxo, F, Cl, Br, I, CF_3, CN, OR^6, $C(=O)R^6$, $C(=O)OR^6$, $OC(=O)R^6$, $C(=O)NR^6R^7$, NR^6R^7, $NR^6C(=O)R^7$, SR^6, $S(O)R^6$, $S(O)_2R^6$ and $SO_2NR^6R^7$, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl and heteroaryl are optionally substituted with one or more groups independently selected from oxo, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8, V_n-$C(=O)OR^8$, V_n-$OC(=O)R^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-aryl, and V_n-heteroaryl.

3. The compound of claim 1 wherein R^1 is selected from:

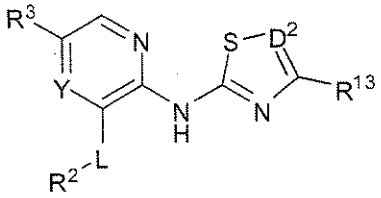


wherein R^{20} is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, aryl, heteroaryl, oxo, F, Cl, Br, I, CF_3, CN, OR^6, $C(=O)R^6$, $C(=O)OR^6$, $OC(=O)R^6$, $C(=O)NR^6R^7$, NR^6R^7, $NR^6C(=O)R^7$, SR^6, $S(O)R^6$, $S(O)_2R^6$ and $SO_2NR^6R^7$, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, aryl and heteroaryl are optionally substituted with one or more groups independently selected from oxo, V_n-F, V_n-Cl, V_n-Br, V_n-I, V_n-CF_3, V_n-CN, V_n-OR^8, V_n-

$C(=O)OR^8$, V_n-$OC(=O)R^8$, V_n-$C(=O)NR^8R^9$, V_n-NR^8R^9, V_n-$NR^8C(=O)R^9$, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, V_n-aryl, and V_n-heteroaryl.

4. The compound of claim 3, wherein R^{20} is H.

5. The compound of claim 1, having the Formula **Ia**



Ia

wherein:

L is O, S, or CH_2;

Y is CH;

D^2 is N or CR^{12};

R^2 is aryl, heteroaryl, saturated or partially unsaturated cycloalkyl, or saturated or partially unsaturated heterocyclyl, wherein said aryl, heteroaryl, cycloalkyl and heterocyclyl are monocyclic or bicyclic and are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, (C_1-C_6 alkyl)OH, C_1-C_6 heterocyclyl, F, Cl, Br, CF_3, CN, NO_2, OR^6, $C(=O)R^6$, $C(=O)OR^6$, $C(=O)NR^6R^7$, $S(O)_2R^6$, $C(O)CH_2NH_2$, and $C(O)CH_2NR^8R^9$,

R^3 is SR^6;

R^6 and R^7 are independently H, C_1-C_{12} alkyl, saturated or partially unsaturated C_3-C_{12} cycloalkyl, saturated or partially unsaturated C_1-C_{12} heterocyclyl, V_n-aryl, or V_n-heteroaryl, wherein said alkyl, cycloalkyl, heterocyclyl, aryl and heteroaryl portions are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl [optionally substituted with $C(O)O(C_1$-C_6 alkyl) or (C_1-C_6 alkyl)OH], aryl, heteroaryl, CF_3, F, Cl, Br, I, CN, OR^8, $C(=O)R^8$, $C(=O)OR^8$, $C(=O)NR^8R^9$, NR^8R^9, $NR^8C(=O)R^9$ or (C_1-C_6 alkyl)OH,

or R^6 and R^7 together with the atoms to which they are attached form a saturated or partially unsaturated heterocyclic ring, wherein said heterocyclic ring optionally comprises one or more additional ring heteroatoms independently selected from N, O or S;

R^8, R^9 and R^{10} are independently H, C_1-C_6 alkyl, or saturated and partially unsaturated C_1-C_6 heterocyclyl, wherein said alkyl and heterocyclyl are optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, OR^a, NR^aR^b, $C(=O)OR^a$ and $C(=O)NR^aR^b$,

or R^8 and R^9 together with the atoms to which they are attached form a saturated or partially unsaturated heterocyclic ring;

or R^9 and R^{10} together with the atoms to which they are attached form a saturated or partially unsaturated heterocyclic ring;

R^{12} is H or C_1-C_6 alkyl;

R^{13} is H, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, saturated and partially unsaturated C_3-C_6 cycloalkyl, saturated and partially unsaturated C_1-C_6 heterocyclyl, CH_2-heterocyclyl, aryl, heteroaryl, (1-3C alkyl)heteroaryl, or $(CH_2)_n(CR^xR^y)C(O)NR^8R^9$, wherein said alkyl, alkenyl, alkynyl, cycloalkyl, CH_2-heterocyclyl, heterocyclyl, aryl, heteroaryl and (1-3C alkyl)heteroaryl are optionally substituted with one or more groups independently selected from oxo, F, Cl, CF_3, CN, OR^8, $C(=O)OR^8$, $C(=O)NR^8R^9$, NR^8R^9, $C(O)(C_1$-C_6 alkyl), C(O)-heterocycle [optionally substituted with O-(C_1-C_6 alkyl) or oxo], SR^a, SO_2R^f, $SO_2NR^cR^e$, $C(O)(C_1$-C_6 alkyl)NR^cR^d, $C(O)(C_1$-C_6 alkyl)OR^c, $C(O)CH_2C(O)(C_1$-C_6 alkyl), C_1-C_6 alkyl, saturated and partially unsaturated C_1-C_6 heterocycle (optionally substituted with oxo) and aryl;

or R^{12} and R^{13} together with the atoms to which they are attached form a heteroaryl ring;

R^a and R^b are independently H, C_1-C_6 alkyl, or saturated or partially unsaturated C_1-C_6 heterocyclyl;

each R^c, R^e and R^g is independently H or C_1-C_6 alkyl;

R^d is H, C_1-C_6 alkyl or $C(O)O(C_1$-C_6 alkyl);

R^f is C_1-C_6 alkyl or (C_1-C_6 alkyl)NH_2;

V is alkylene having from 1 to 4 carbons, or alkenylene having from 2 to 4 carbons, wherein said alkylene and alkenylene are optionally substituted with C_1-C_6 alkyl, $O(C_1$-C_6 alkyl), or (C_1-C_6 alkyl)NR^cR^e; and

n is 0 or 1.

6. The compound of claim 1, wherein R^{12} is H.

7. The compound of claim 1, wherein R^{13} is selected from H, C_1-C_6 alkyl, chloro(C_1-C_6 alkyl), CF_3, (3-6C)cycloalkyl, (C_1-C_6 alkyl)CN, (C_1-C_6 alkyl)CO_2R^8, (C_1-C_6 alkyl)SR^a, (C_1-

C_6 alkyl)SO_2R^f, (C_1-C_6 alkyl)aryl, (C_1-C_6 alkyl)OR^8, (C_1-C_6 alkyl)NR^8R^9, $(CH_2)_n(CR^xR^y)C(O)NR^8R^9$, $(CH_2)_n(CR^xR^y)C(O)NH\text{-}N{=}CHNR^8R^9$, ($C_1$-$C_6$ alkyl)C(O)-heterocyclyl, aryl, heteroaryl, (C_1-C_3 alkyl)$hetAr^1$, $CH_2(CR^xR^y)C(O)OR^8$, $CH_2(CR^xR^y)C(O)$heterocyclyl [optionally substituted with one or two groups selected from O-(C_1-C_6 alkyl) and oxo], $CH_2CH(CO_2H)\text{-}CH_2CH_2NHR^8$, $hetCyc^1$ and $CH_2hetCyc^2$, wherein:

R^x and R^y are independently H, methyl or OMe,

n is 0 or 1,

$hetCyc^1$ is a saturated and partially unsaturated C_1-C_6 heterocyclic ring optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, C(O)(C_1-C_6 alkyl), (C_1-C_6 alkyl)OH, C(O)O(C_1-C_6 alkyl), C(O)(C_1-C_6 alkyl)NR^cR^d, C(O)(C_1-C_6 alkyl)OR^c, $C(O)CH_2C(O)$(C_1-C_6 alkyl), $C(O)NR^8R^9$, $SO_2NR^cR^e$, SO_2R^f, $C(=O)CHR^gNHC(=O)$(C_1-C_6 alkyl) and $C(=O)CH_2OC(=O)$(C_1-C_6 alkyl),

$hetCyc^2$ is a heterocyclic ring optionally substituted with one or more groups independently selected from C_1-C_6 alkyl, C(O)(C_1-C_6 alkyl), C(O)O(C_1-C_6 alkyl), and oxo, and

$hetAr^1$ is a heteroaryl ring optionally substituted with C_1-C_6 alkyl, OH or CF_3.

8. The compound of claim 1, wherein R^2 is:

(i) phenyl optionally substituted with one or more groups independently selected from F, Cl, Br, CN, CF_3, C_1-C_6 alkyl, NO_2, SO_2(C_1-C_6 alkyl), OH, O(C_1-C_6 alkyl), CO_2H, CO_2(C_1-C_6 alkyl), C(O) saturated and partially unsaturated C_1-C_{12} hetercyclyl [optionally substituted with C_1-C_6 alkyl], saturated and partially unsaturated C_1-C_6 heterocyclyl and $C(O)NR^6R^7$;

(ii) a 5-6 membered heteroaryl ring having 1-2 nitrogen atoms;

(iii) a 9-10 membered bicyclic heteroaryl ring having a having 1 to 2 ring atoms independently selected from N and S;

(iv) a 5 membered saturated and partially unsaturated heterocyclic ring having at least one nitrogen atom, wherein the heterocyclic ring is optionally substituted with CO_2-(C_1-C_6 alkyl), C(O)NH(C_1-C_6 alkyl), $C(O)CH_2N(C_1\text{-}C_6\ alkyl)_2$, C(O)($C_1$-$C_6$ alkyl)CO_2H, or SO_2-(heteroaryl); or

(v) a 5-6 membered saturated or partially unsaturated cycloalkyl ring.

9. The compound of claim 1, wherein R^3 is SR^6.

10. The compound of claim 1, wherein R^3 is:

(i) S-V_n-aryl wherein n is 0, and aryl is phenyl optionally substituted with one or two groups independently selected from Cl, OH, CN, CF_3, CO_2H, O(C_1-C_6 alkyl), O(C_1-C_6 alkyl)CO_2H, O(C_1-C_6 alkyl)NR^aR^b, or O(C_1-C_6 alkyl)- saturated and partially unsaturated C_1-C_6 heterocycle;

(ii) S-V_n-aryl wherein n is 1, V is alkylene optionally substituted with $CH_2CH_2NR^cR^e$, and aryl is phenyl optionally substituted with F, Cl, or O(C_1-C_6 alkyl);

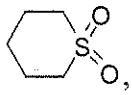
(iii) S-V_n-heteroaryl wherein n is 1, V is C_1-C_6 alkylene optionally substituted with C_1-C_6 alkyl, and heteroaryl is a 5-6 membered ring having 1-2 atoms independently selected from N, S and O;

(iv) S-V_n-heteroaryl wherein n is 1, V is C_1-C_6 alkylene, and heteroaryl is a 10-membered bicyclic heteroaryl having at least one nitrogen;

(v) SR^6 wherein R^6 is V_n-heteroaryl, n is 0, and the heteroaryl group is a 9-10 membered bicyclic heteroaromatic ring having 2-3 atoms independently selected from N, S and O, and optionally substituted with one or two groups independently selected from I, Br, C_1-C_6 alkyl and CO_2H;

(vi) S-V_n-heteroaryl wherein n is 0, and heteroaryl is a 5-6 membered ring having 1-4 atoms independently selected from N and S and optionally substituted with one or two groups independently selected from Cl, CN, C_1-C_6 alkyl, O-(C_1-C_6 alkyl), (C_1-C_6 alkyl)NR^8R^9 , (C_1-C_6 alkyl)CN, C(=O)O(C_1-C_6 alkyl), and CF_3;

(vii) S-$CHR^{6a}R^{6b}$ wherein R^{6a} is piperidinyl (optionally substituted with C_1-C_6 alkyl, CO_2-(C_1-C_6 alkyl) or (C_1-C_6 alkyl)OH) or a structure having the formula



, and

R^{6b} is pyridyl, pyrimidyl, C(O)O(C_1-C_6 alkyl), (C_1-C_6 alkyl)OH, C(O)NH(C_1-C_6 alkyl), C(O)NH-heterocycle, or (C_1-C_6 alkyl);

(viii) S- saturated and partially unsaturated C_3-C_{12} cycloalkyl,

(ix) S- saturated and partially unsaturated C_1-C_{12} heterocyclyl which is optionally substituted with oxo;

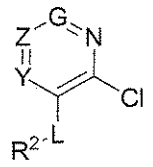
(x) S-(C_1-C_6 alkyl)C(O)OR^8; or

(xi) S-$CH_2C(O)$- saturated and partially unsaturated C_1-C_6 heterocycle, S-$CH_2C(O)$-$NR^8(C_1$-C_6 alkyl)NR^aR^b, S-$CH_2C(O)$-$NR^8(C_1$-C_6 alkyl)- saturated and partially unsaturated C_1-C_6 heterocycle, or S- (C_1-C_6 alkyl)NR^8R^9.

11. A composition comprising a compound of claim 1 and a pharmaceutically acceptable diluent or carrier.

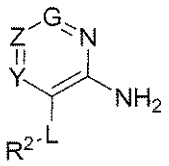
12. A method of preparing a compound of claim 1, said method comprising:

(a) reacting a compound of the formula



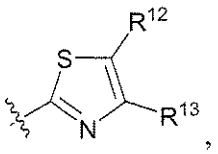
with a compound of the formula R^1NH_2 in the presence of a base catalyst or metal catalyst; or

(b) reacting a compound of the formula

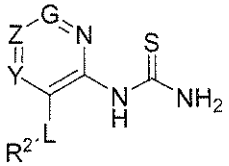


with a compound of the formula R^1-X, wherein X is Cl or Br, in the presence of a base catalyst or metal catalyst; or

(c) for a compound of Formula **I** wherein R^1 is

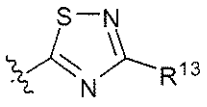


reacting a compound of the formula



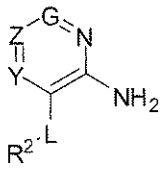
with a compound of the formula $R^{13}COCHR^{12}X$, wherein X is a leaving group, in the presence of a base; or

(d) for a compound of Formula I wherein R^1 is

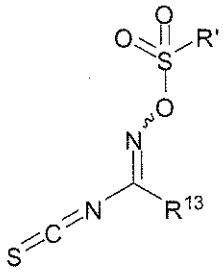


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reacting a compound of the formula

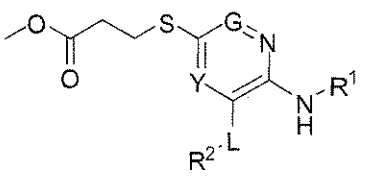


with a compound having the formula



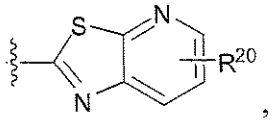
where R' is C_1-C_6 alkyl or aryl optionally substituted with C_1-C_6 alkyl, in the presence of a base; or

(e) for a compound of Formula **I** wherein Z is CR^3 and R^3 is SR^6, reacting a corresponding compound having the formula



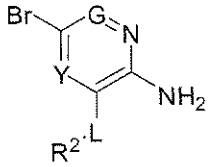
with a compound having the formula R^6X wherein X is a leaving group or atom in the presence of a base; or

(f) for a compound of Formula **I** wherein R^1 is

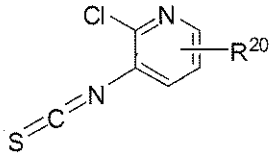


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reacting a corresponding compound having the formula

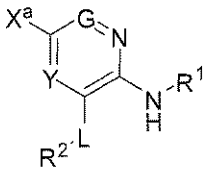


with a compound having the formula



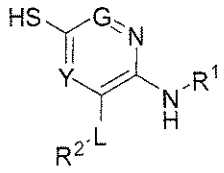
at elevated temperatures; or

g) for a compound of Formula **I** wherein Z is CR^3, reacting a corresponding compound having the formula



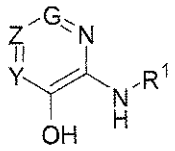
wherein X^a is a leaving group or atom (e.g., a halogen such as Br, Cl or I,) with a compound having the formula R^3-X^b wherein X^b is a leaving group or atom, in the presence of a suitable base; or

h) for a compound of Formula **I** wherein Z is C-SR^6 and R^6 is alkyl, CH_2-aryl, heteroaryl, or aryl and wherein said R^6 groups are optionally substituted, reacting a corresponding compound having the formula



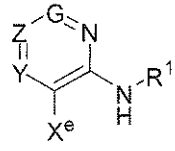
with a compound having the formula R^6-X^c wherein X^c is a leaving group or atom, in the presence of a suitable base; or

i) for a compound of Formula **I** wherein L is O, reacting a corresponding compound having the formula



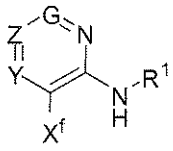
with a compound having the formula R^2-X^d, wherein X^d is a leaving group or atom, in the presence of a base, or in the presence of a copper or palladium catalyst; or

j) for a compound of Formula **I** wherein L is O or S, reacting a corresponding compound having the formula



wherein X^e is a leaving group or atom with a compound having the formula R^2LH wherein L is O or S, respectively; in the presence of a palladium catalyst and a suitable base; or

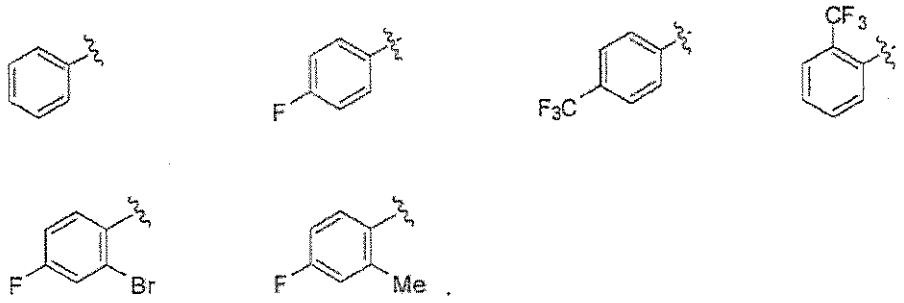
k) for a compound of Formula **I** wherein L is CH_2, reacting a corresponding compound having the formula



wherein X^f is a leaving group or atom (e.g., Cl, Br, I, OTf or acetyloxy) in the presence of an organozinc compound having the formula R^2-Zn-X^g wherein X^g is a halide, and a nickel or palladium catalyst; and

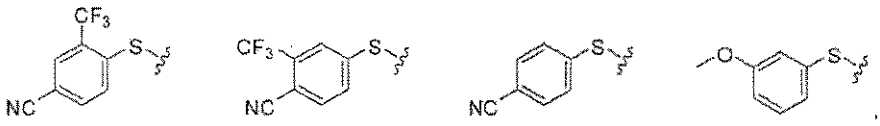
removing any protecting group or groups and, if desired, forming a salt.

13. The compound of claim 1, wherein R^2 is selected from the structures:



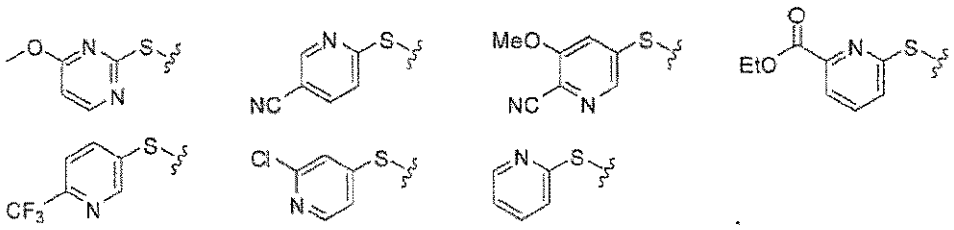
14. The compound of claim 1 wherein R^6 is phenyl optionally substituted with one or two groups independently selected from CN, CF_3, and –O(C_1-C_6 alkyl).

15. The compound of claim 14, wherein R^3 is selected from the structures:



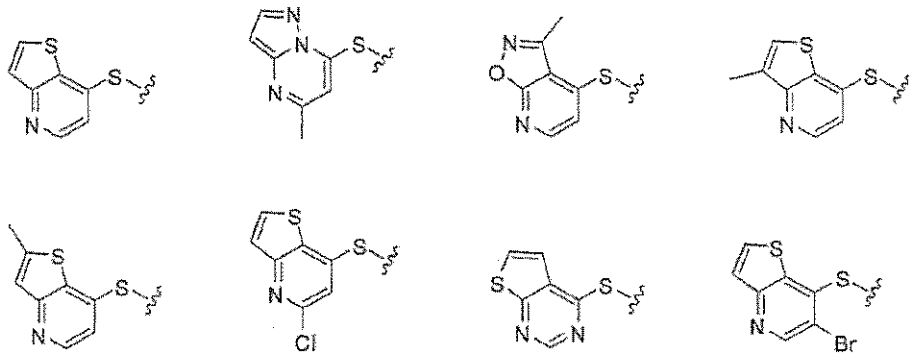
16. The compound of claim 1 wherein R^6 is a 5-6 membered heteroaryl ring having 1-2 nitrogen atoms optionally substituted with one or two groups independently selected from Cl, CN, -O(C_1-C_6 alkyl), C(=O)O(C_1-C_6 alkyl), and CF_3.

17. The compound of claim 16, wherein R^3 is selected from the structures:



18. The compound of claim 1 wherein R^6 is a 9-10 membered bicyclic heteroaromatic ring having 2-3 atoms independently selected from N, S and O (provided the ring does not contain an O-O bond) and is optionally substituted with one or two groups independently selected from Br, Cl, and C_1-C_6 alkyl).

19. The compound of claim 18, wherein R^3 is selected from the structures:



20. A compound selected from the group consisting of:

N-(4-methylthiazol-2-yl)-3-phenoxy-5-(phenylthio)pyridin-2-amine;

methyl 3-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)propanoate;

N-(5-(cyclohexylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(benzylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

4-methyl-N-(3-phenoxy-5-(pyridin-2-ylmethylthio)pyridin-2-yl)thiazol-2-amine;

4-methyl-N-(3-phenoxy-5-(piperidin-4-ylmethylthio)pyridin-2-yl)thiazol-2-amine;

5-(2-methoxybenzylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

5-(4-methoxybenzylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

5-(2-chlorobenzylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;
N-(4-methylthiazol-2-yl)-3-phenoxy-5-(1-(pyridin-2-yl)ethylthio)pyridin-2-amine;
5-(3-methoxybenzylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;
5-(3-(dimethylamino)propylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;
N-(3-(2-chlorophenylthio)-5-(phenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
methyl 3-(5-(2-chlorophenylthio)-6-(4-methylthiazol-2-ylamino)pyridin-3-ylthio)propanoate;
N-(3-(2-chlorophenylthio)-5-(1-(pyridin-2-yl)ethylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
N-(3-(2-chlorophenylthio)-5-(piperidin-4-ylmethylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
N-(3-(2-chlorophenylthio)-5-(3-(dimethylamino)propylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
N-(5-(2-chlorophenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
N-(5-(3-chlorophenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
N-(5-(2-methoxyphenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
N-(5-(3-methoxyphenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
3-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)phenol;
2-(3-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)phenoxy)acetic acid;
4-methyl-N-(3-phenoxy-5-(3-(2-(piperidin-1-yl)ethoxy)phenylthio)pyridin-2-yl)thiazol-2-amine;
N-(5-(3-(3-(dimethylamino)propoxy)phenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
5-(2-fluorobenzylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;
N-(4-methylthiazol-2-yl)-3-phenoxy-5-(1-(pyridin-2-yl)propylthio)pyridin-2-amine;
2-((6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)methyl)pyridin-3-ol;
3-(2-(3-phenoxy-5-(1-(pyridin-2-yl)ethylthio)pyridin-2-ylamino)thiazol-4-yl)propanoic acid;
4-chloro-3-(2-(4-methylthiazol-2-ylamino)-5-(phenylthio)pyridin-3-yloxy)benzoic acid;
4-chloro-N-(2-(dimethylamino)ethyl)-3-(2-(4-methylthiazol-2-ylamino)-5-(phenylthio)pyridin-3-yloxy)benzamide;
4-chloro-3-(2-(4-methylthiazol-2-ylamino)-5-(1-(pyridin-2-yl)ethylthio)pyridin-3-yloxy)benzoic acid;
4-chloro-N-(2-(dimethylamino)ethyl)-3-(2-(4-methylthiazol-2-ylamino)-5-(1-(pyridin-2-yl)ethylthio)pyridin-3-yloxy)benzamide;
N-(5-(2-chlorophenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(3-chlorophenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
N-(5-(2-methoxyphenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
N-(5-(3-methoxyphenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
methyl 3-(5-(2-chlorophenylthio)-6-(4-methylthiazol-2-ylamino)pyridin-3-ylthio)propanoate;
N-(5-(2,5-dimethoxyphenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
N-(5-(2,5-dichlorophenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
N-(5-(2,5-dimethylphenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
N-(5-(1-(2-(dimethylamino)ethyl)-1H-tetrazol-5-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
4-methyl-N-(5-(4-methyl-4H-1,2,4-triazol-3-ylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;
3-(2-chlorophenylthio)-N-(4-methylthiazol-2-yl)-5-(phenylthio)pyridin-2-amine;
N-(5-([1,2,4]triazolo[4,3-a]pyridin-3-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
2-(4-methyl-5-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-4H-1,2,4-triazol-3-yl)acetonitrile;
methyl 3-(6-(4-phenethylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)propanoate;
methyl 3-(6-(4-(1-methylpiperidin-4-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)propanoate;
methyl 3-(5-(4-fluorophenoxy)-6-(4-phenethylthiazol-2-ylamino)pyridin-3-ylthio)propanoate;
methyl 3-(5-(2-chlorophenylthio)-6-(4-methylthiazol-2-ylamino)pyridin-3-ylthio)propanoate;
methyl 3-(6-(4-methylthiazol-2-ylamino)-5-(phenylthio)pyridin-3-ylthio)propanoate;
tert-butyl 4-(5-(3-(4-fluorophenoxy)-5-(3-methoxy-3-oxopropylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxylate;
tert-butyl 4-((5-(3-(4-fluorophenoxy)-5-(3-methoxy-3-oxopropylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)methyl)piperidine-1-carboxylate;
N-(3-(2-chlorophenylthio)-5-(1-(pyridin-2-yl)ethylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
N-(3-(2-chlorophenylthio)-5-(piperidin-4-ylmethylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
N-(3-(2-chlorophenylthio)-5-(3-(dimethylamino)propylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
4-phenethyl-N-(3-phenoxy-5-(piperidin-4-ylmethylthio)pyridin-2-yl)thiazol-2-amine;
3-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)phenol;

4-methyl-N-(3-phenoxy-5-(3-(2-(piperidin-1-yl)ethoxy)phenylthio)pyridin-2-yl)thiazol-2-amine;
2-(3-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)phenoxy)acetic acid;
N-(5-(3-(3-(dimethylamino)propoxy)phenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
4-methyl-N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)thiazol-2-amine;
4-methyl-N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazol-2-amine;
4-methyl-N-(3-phenoxy-5-(pyrimidin-2-ylthio)pyridin-2-yl)thiazol-2-amine;
4-methyl-N-(5-(6-methylpyridin-2-ylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;
4-methyl-N-(5-(4-methylthiazol-2-ylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;
N-(3-(2-chlorophenylthio)-5-(pyridin-4-ylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
4-(1-methylpiperidin-4-yl)-N-(3-phenoxy-5-(phenylthio)pyridin-2-yl)thiazol-2-amine;
N-(3,5-bis(phenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;
4-methyl-N-(3-(phenylthio)-5-(pyridin-2-ylthio)pyridin-2-yl)thiazol-2-amine;
3-methyl-N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)-1,2,4-thiadiazol-5-amine;
N-(5-(4-methoxyphenylthio)-3-phenoxypyridin-2-yl)-3-methyl-1,2,4-thiadiazol-5-amine;
N-(3-(4-fluorophenoxy)-5-(pyridin-2-ylthio)pyridin-2-yl)-3-isobutyl-1,2,4-thiadiazol-5-amine;
5-(2-chloropyridin-4-ylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;
N-(5-(2-chloropyrimidin-4-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
5-(4,6-dimethylpyrimidin-2-ylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;
N-(5-(4,6-dimethoxypyrimidin-2-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
5-(4-methoxypyrimidin-2-ylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;
N-(4-methylthiazol-2-yl)-3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-amine;
4-methyl-N-(5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;
N-(5-(2-(methoxymethyl)pyrimidin-4-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;
4-phenethyl-N-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)thiazol-2-amine;
N-(5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)-3-phenoxypyridin-2-yl)-4-phenethylthiazol-2-amine;
N-(5-(5-methylpyrazolo[1,5-a]pyrimidin-7-ylthio)-3-phenoxypyridin-2-yl)-4-phenethylthiazol-2-amine;
4-phenethyl-N-(3-phenoxy-5-(thieno[3,2-d]pyrimidin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

4-methyl-N-(5-(5-methylpyrazolo[1,5-a]pyrimidin-7-ylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;

4-methyl-N-(3-phenoxy-5-(thieno[3,2-d]pyrimidin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

4-(1-methylpiperidin-4-yl)-N-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)thiazol-2-amine;

N-(5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)-3-phenoxypyridin-2-yl)-4-(1-methylpiperidin-4-yl)thiazol-2-amine;

N-(5-(2-iodothieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

4-methyl-N-(5-(2-methylthieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;

N-(5-(2-methylthieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-yl)-4-phenethylthiazol-2-amine;

N-(5-(2,5-dimethylpyrazolo[1,5-a]pyrimidin-7-ylthio)-3-phenoxypyridin-2-yl)-4-phenethylthiazol-2-amine;

N-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-phenethylthiazol-2-amine;

N-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)pyridin-2-yl)-4-phenethylthiazol-2-amine;

N-(3-(4-fluorophenoxy)-5-(5-methylpyrazolo[1,5-a]pyrimidin-7-ylthio)pyridin-2-yl)-4-phenethylthiazol-2-amine;

N-(5-(2,5-dimethylpyrazolo[1,5-a]pyrimidin-7-ylthio)-3-(4-fluorophenoxy)pyridin-2-yl)-4-phenethylthiazol-2-amine;

N-(3-(4-fluorophenoxy)-5-(2-methylthieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-phenethylthiazol-2-amine;

4-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)benzonitrile;

N-(3-(2-chlorophenylthio)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

4-(5-phenoxy-6-(4-(piperidin-4-yl)thiazol-2-ylamino)pyridin-3-ylthio)benzonitrile;

N-(5-(furo[3,2-c]pyridin-4-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(5-(2-iodothieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-yl)-4-(piperidin-4-yl)thiazol-2-amine;

4-methyl-N-(3-(phenylthio)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)thiazol-2-amine;

4-methyl-N-(5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)-3-(phenylthio)pyridin-2-yl)thiazol-2-amine;

4-(6-(4-methylthiazol-2-ylamino)-5-(phenylthio)pyridin-3-ylthio)benzonitrile;

4-methyl-N-(3-(phenylthio)-5-(5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

tert-butyl 4-(5-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxylate;

N-(4-cyclopropylthiazol-2-yl)-3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-amine;

4-isobutyl-N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

4-cyclohexyl-N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)-4-(trifluoromethyl) thiazol-2-amine;

methyl 3-(2-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-ylamino)thiazol-4-yl)propanoate;

N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)-4-(pyridin-2-yl)thiazol-2-amine;

N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)-4-phenylthiazol-2-amine;

N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)-4-(thiophen-3-yl)thiazol-2-amine;

4-phenethyl-N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

4-ethyl-N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

4-isopropyl-N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazol-2-amine;

N-(5-(2-chloro-5-methoxyphenylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

(R)-4-methyl-N-(5-(5-methyl-6,7-dihydro-5H-cyclopenta[d]pyrimidin-4-ylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;

3-(2-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-ylamino)thiazol-4-yl)propanoic acid;

N-(5-(3,5-dimethylisoxazolo[4,5-b]pyridin-7-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

1-(4-(2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(5-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

1-(4-(5-(3-(phenylthio)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

1-(4-(2-(3-(phenylthio)-5-(pyridin-2-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

methyl 4-(2-(3-(phenylthio)-5-(pyridin-2-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

1-(4-(2-(3-(phenylthio)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

4-(1-(methylsulfonyl)piperidin-4-yl)-N-(3-(phenylthio)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)thiazol-2-amine;

2-(dimethylamino)-1-(4-(2-(3-(phenylthio)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(5-(3-(4-fluorophenoxy)-5-(5-methylpyrazolo[1,5-a]pyrimidin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

1-(4-(5-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

N-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-3-(1-(methylsulfonyl)piperidin-4-yl)-1,2,4-thiadiazol-5-amine;

2-(dimethylamino)-1-(4-(5-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

3-(phenylthio)-N-(3-(piperidin-4-yl)-1,2,4-thiadiazol-5-yl)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-amine;

N-(3-(phenylthio)-5-(pyridin-2-ylthio)pyridin-2-yl)-4-(piperidin-4-yl)thiazol-2-amine;

tert-butyl 4-(2-(3-(phenylthio)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

tert-butyl 4-(5-(3-(4-fluorophenoxy)-5-(5-methylpyrazolo[1,5-a]pyrimidin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxylate;

sodium 4-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)benzoate;

3-methyl-7-(6-(4-phenethylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)thieno[3,2-b]pyridine-6-carboxylic acid;

3-methyl-7-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)thieno[3,2-b]pyridine-6-carboxylic acid;

N-(5-(6,7-dihydro-5H-pyrrolo[3,4-b]pyridin-4-ylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(4-methylthiazol-2-yl)-3-phenoxy-5-(5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-4-ylthio)pyridin-2-amine;

1-(4-((5-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)methyl)piperidin-1-yl)ethanone;

1-(4-(5-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo [5,4-b]pyridin-4-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

2-(dimethylamino)-1-(4-(5-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo [5,4-b]pyridin-4-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

tert-butyl 4-(5-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxylate;

N-(5-((3-methoxypyridin-2-yl)methylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

4-methyl-N-(3-phenoxy-5-(piperidin-4-yl(pyridin-2-yl)methylthio)pyridin-2-yl)thiazol-2-amine;

4-methyl-N-(3-phenoxy-5-(piperidin-4-yl(pyrazin-2-yl)methylthio)pyridin-2-yl)thiazol-2-amine;

4-methyl-N-(3-phenoxy-5-(piperidin-4-yl(pyrimidin-2-yl)methylthio)pyridin-2-yl)thiazol-2-amine;

N-(5-((3-chloropyridin-2-yl)(piperidin-4-yl)methylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(2-(dimethylamino)ethyl)-3-(2-(4-isobutylthiazol-2-ylamino)-5-(pyrimidin-2-ylthio)pyridin-3-yloxy)benzamide;

2-(4-((6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)(pyridin-2-yl)methyl)piperidin-1-yl)ethanol;

4-methyl-N-(5-((1-methylpiperidin-4-yl)(pyridin-2-yl)methylthio)-3-phenoxypyridin-2-yl)thiazol-2-amine;

N-(5-((1-isopropyl piperidin-4-yl)(pyridine -2-yl)methylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

1-((6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)methyl)pyrrolidin-2-one;

Ethyl 2-(1-methylpiperidin-4-yl)-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)acetate;

2-(1-methylpiperidin-4-yl)-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)ethanol;

N-ethyl-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-2-(piperidin-4-yl)acetamide;

2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-2-(piperidin-4-yl)-1-(pyrrolidin-1-yl)ethanone;

1-(indolin-1-yl)-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-2-(piperidin-4-yl)ethanone;

1-(7-azabicyclo[2.2.1]heptan-7-yl)-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-2-(piperidin-4-yl)ethanone;

1-(2-methylpiperidin-1-yl)-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-2-(piperidine-4-yl)ethanone *mixture of diastereomers;

2-(4-((6-(4-phenethylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)(pyridin-2-yl)methyl)piperidin-1-yl)ethanol;

4-methyl-N-(3-phenoxy-5-(1-(pyridin-2-yl)ethylthio)pyridin-2-yl)thiazol-2-amine;

N-(5-(3-(dimethylamino)-1-phenylpropylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

5-((5-cyclopropyl-1,3,4-thiadiazol-2-yl)methylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

5-((1,2,4-oxadiazol-3-yl)methylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

5-((5-methylisoxazol-3-yl)methylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

5-((3,5-dimethylisoxazol-4-yl)methylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

5-((5-chloro-1,2,4-thiadiazol-3-yl)methylthio)-N-(4-methylthiazol-2-yl)-3-phenoxypyridin-2-amine;

N-(5-(isoquinolin-1-ylmethylthio)-3-phenoxypyridin-2-yl)-4-methylthiazol-2-amine;

N-(4-((6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)methyl)thiazol-2-yl)acetamide;

N-(5-((5-cyclopropyl-1,3,4-thiadiazol-2-yl)methylthio)-3-(phenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

4-methyl-N-(5-((5-methylisoxazol-3-yl)methylthio)-3-(phenylthio)pyridin-2-yl)thiazol-2-amine;

N-(5-((3,5-dimethylisoxazol-4-yl)methylthio)-3-(phenylthio)pyridin-2-yl)-4-methylthiazol-2-amine;

2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-1-(pyrrolidin-1-yl)ethanone;

N-(2-(dimethylamino) ethyl)-N-methyl-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)acetamide;

1-(4-methylpiperazin-1-yl)-2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)ethanone;

2-(6-(4-methylthiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-N-(2-(pyrrolidin-1-yl)ethyl)acetamide;

{5-[(1,1-dioxo-hexahydro-1λ^6-thiopyran-4-yl)-pyridin-2-yl-methylsulfanyl]-3-phenoxy-pyridin-2-yl}-(4-methyl-thiazol-2-yl)-amine;

4-methyl-N-(3-phenoxy-5-(1-(piperidin-4-yl)ethylthio)pyridin-2-yl)thiazol-2-amine;

2,2-dimethyl-3-(2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)propanoic acid;

tert-butyl 4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxylate;

3-isobutyl-N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)-1,2,4-thiadiazol-5-amine;

3-isopropyl-N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)-1,2,4-thiadiazol-5-amine;

N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)-3-(tetrahydrofuran-2-yl)-1,2,4-thiadiazol-5-amine;

N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)-3-(piperidin-4-yl)-1,2,4-thiadiazol-5-amine;

1-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

2-methoxy-1-(4-(5-(3-phenoxy-5-(piperidi-2-ylthio)piperidi-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-yl)ethanone;

2-(dimethylamino)-1-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

N,N-dimethyl-4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxamide;

N,N-dimethyl-4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-sulfonamide;

2-methyl-1-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)propan-1-one;

3-(1-(methylsulfonyl)piperidin-4-yl)-N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)-1,2,4-thiadiazol-5-amine;

2-oxo-2-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethyl acetate;

4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxamide;

2-hydroxy-1-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

tert-butyl 2-oxo-2-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethylcarbamate;

(R)-2-hydroxy-1-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)propan-1-one;

2-methyl-1-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)propan-1-one;

2-amino-1-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

2-(4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanol;

4-(5-(3-Phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-sulfonamide;

3-(1-(2-aminoethylsulfonyl)piperidin-4-yl)-N-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-yl)-1,2,4-thiadiazol-5-amine;

tert-butyl 3-methyl-4-(2-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

1-(3-methyl-4-(2-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

Methyl 3-(5-phenoxy-6-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-ylthio)propanoate;

N-(3-phenoxy-5-(pyridin-4-ylthio)pyridin-2-yl)thiazolo[5,4-b]pyridin-2-amine;

4-(5-phenoxy-6-(thiazolo[5,4-b]pyridin-2-ylamino)pyridin-3-ylthio)benzonitrile;

N-(3-phenoxy-5-(pyrimidin-2-ylthio)pyridin-2-yl)thiazolo[5,4-b]pyridin-2-amine;

N-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)thiazolo[5,4-b]pyridin-2-amine;

N-(5-(pyridin-2-ylthio)-3-(4-(trifluoromethyl)phenoxy)pyridin-2-yl)-3-(tetrahydrofuran-2-yl)-1,2,4-thiadiazol-5-amine;

N-(4-(2-(5-methyloxazol-2-yl)ethyl)thiazol-2-yl)-3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-amine;

4-(2-(5-methyloxazol-2-yl)ethyl)-N-(3-phenoxy-5-(piperidin-4-ylmethylthio)pyridin-2-yl)thiazol-2-amine;

2-(dimethylamino)-1-(4-(5-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

1-(4-((5-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)methyl)piperidin-1-yl)ethanone;

1-(4-(5-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

2-(dimethylamino)-1-(4-(5-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

3-(2-bromo-4-fluorophenoxy)-5-(3-methoxyphenylthio)-N-(4-(piperidin-4-yl)thiazol-2-yl)pyridin-2-amine;

4-(2-(3-(4-fluorophenoxy)-5-(3-methoxyphenylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate trifluoroacetate;

1-(4-(2-(3-(4-fluoro-2-methylphenoxy)-5-(3-methoxyphenylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(3-(4-fluorophenoxy)-5-(3-methoxyphenylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(3-(2-bromo-4-fluorophenoxy)-5-(3-methoxyphenylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(3-(2-bromo-4-fluorophenoxy)-5-(3-methoxyphenylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)-2-(dimethylamino)ethanone;

1-(4-(2-(5-(thieno[3,2-b]pyridin-7-ylthio)-3-(4-(trifluoromethyl)phenoxy)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(5-(thieno[3,2-b]pyridin-7-ylthio)-3-(2-(trifluoromethyl)phenoxy)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(5-(2-methylthieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(5-(4-methoxypyrimidin-2-ylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

4-(6-(4-(1-acetylpiperidin-4-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)benzonitrile;

4-(6-(4-(1-acetylpiperidin-4-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-3-(trifluoromethyl)benzonitrile;

4-(6-(4-(1-acetylpiperidin-4-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-2-(trifluoromethyl)benzonitrile;

6-(6-(4-(1-acetylpiperidin-4-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)nicotinonitrile;

5-(6-(4-(1-acetylpiperidin-4-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)-3-methoxypicolinonitrile;

Ethyl 6-(6-(4-(1-acetylpiperidin-4-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)picolinate;

1-(4-(2-(3-phenoxy-5-(6-(trifluoromethyl)pyridin-3-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(5-(6-bromothieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(5-(5-(thieno[3,2-b]pyridin-7-ylthio)-3-(2-(trifluoromethyl)phenoxy)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidin-1-yl)ethanone;

tert-butyl 4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

N-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-(piperidin-4-yl)thiazol-2-amine;

1-(4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

2-(4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)-2-oxoethyl acetate;

Isopropyl 4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

2-(dimethylamino)-1-(4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

N-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-(1-(methylsulfonyl)piperidin-4-yl)thiazol-2-amine;

N-(1-(4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)-1-oxopropan-2-yl)acetamide;

N-(2-(4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)-2-oxoethyl)acetamide;

4-(1-(2-aminoethylsulfonyl)piperidin-4-yl)-N-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)thiazol-2-amine;

4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-sulfonamide 2,2,2-trifluoroacetate;

4-(2-(3-(4-fluorophenoxy)-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxamide;

tert-butyl 4-(2-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

N-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)pyridin-2-yl)-4-(piperidin-4-yl)thiazol-2-amine;

1-(4-(2-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

2-(dimethylamino)-1-(4-(2-(3-(4-fluorophenoxy)-5-(3-methylisoxazolo[5,4-b]pyridin-4-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

Methyl 4-(5-(3-phenoxy-5-(pyridin-2-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)piperidine-1-carboxylate;

1-(4-(2-(5-(3-methylthieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(5-(5-chlorothieno[3,2-b]pyridin-7-ylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(4-(2-(3-phenoxy-5-(thieno[2,3-d]pyrimidin-4-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

tert-butyl 4-((2-(5-(3-methoxy-3-oxopropylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)methyl)piperidine-1-carboxylate;

tert-butyl 4-(2-(3-(4-cyanophenoxy)-5-(3-methoxy-3-oxopropylthio)pyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

tert-butyl 3-(5-(5-(3-methoxy-3-oxopropylthio)-3-phenoxypyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)pyrrolidine-1-carboxylate;

tert-butyl 3-(2-(5-(3-methoxy-3-oxopropylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

tert-butyl 3-(2-(5-(3-methoxy-3-oxopropylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)pyrrolidine-1-carboxylate;

tert-butyl 4-((2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)methyl)piperidine-1-carboxylate;

tert-butyl 4-((2-(5-(4-cyanophenylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)methyl)piperidine-1-carboxylate;

tert-butyl 3-((2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)methyl)piperidine-1-carboxylate;

tert-butyl 3-(5-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)pyrrolidine-1-carboxylate;

tert-butyl 3-(2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)pyrrolidine-1-carboxylate;

tert-butyl 3-(2-(5-(4-cyanophenylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidine-1-carboxylate;

tert-butyl 3-(5-(5-(4-cyanophenylthio)-3-phenoxypyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)pyrrolidine-1-carboxylate;

N-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-(piperidin-4-ylmethyl)thiazol-2-amine;

N-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-(piperidin-3-yl)thiazol-2-amine;

N-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-3-(pyrrolidin-3-yl)-1,2,4-thiadiazol-5-amine;

N-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-yl)-4-(pyrrolidin-3-yl)thiazol-2-amine;

4-(5-phenoxy-6-(4-(piperidin-4-ylmethyl)thiazol-2-ylamino)pyridin-3-ylthio)benzonitrile;

4-(5-phenoxy-6-(3-(pyrrolidin-3-yl)-1,2,4-thiadiazol-5-ylamino)pyridin-3-ylthio)benzonitrile;

4-(5-phenoxy-6-(3-(piperidin-3-yl)-1,2,4-thiadiazol-5-ylamino)pyridin-3-ylthio)benzonitrile;

1-(4-((2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)methyl)piperidin-1-yl)ethanone;

1-(3-(2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

1-(3-(5-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)-1,2,4-thiadiazol-3-yl)pyrrolidin-1-yl)ethanone;

1-(3-(2-(3-phenoxy-5-(thieno[3,2-b]pyridin-7-ylthio)pyridin-2-ylamino)thiazol-4-yl)pyrrolidin-1-yl)ethanone;

4-(6-(4-(1-acetylpiperidin-3-yl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)benzonitrile;

4-(6-(3-(1-acetylpyrrolidin-3-yl)-1,2,4-thiadiazol-5-ylamino)-5-phenoxypyridin-3-ylthio)benzonitrile;

4-(6-(4-((1-acetylpiperidin-4-yl)methyl)thiazol-2-ylamino)-5-phenoxypyridin-3-ylthio)benzonitrile; and

1-(4-(2-(5-(2-chloropyridin-4-ylthio)-3-phenoxypyridin-2-ylamino)thiazol-4-yl)piperidin-1-yl)ethanone;

or a pharmaceutically acceptable salt thereof.