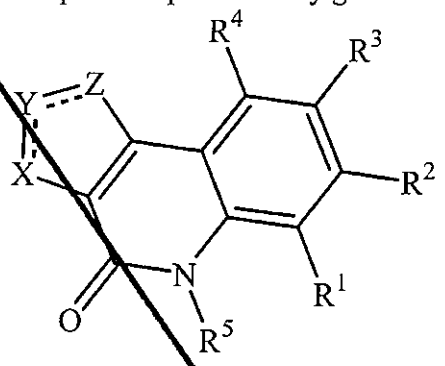
Claims:

1. A compound represented by general formula I:



I

or a pharmaceutically acceptable salt thereof,

wherein R^1, R^2, R^3, and R^4 are each independently a group selected from the group consisting of:
hydrogen,
hydroxyl,
halogen,
cyano,
nitro,
amino,
C_1-C_6 alkyl,
C_2-C_6 alkenyl,
C_2-C_6 alkynyl,
C_3-C_{10} cycloalkyl,
C_3-C_{10} cycloalkenyl,
C_1-C_6 alkoxy,
C_6-C_{10} aryl,
indanyl,
heteroaryl,
3- to 8-membered heterocycloalkyl,
$-OSO_2CH_3$,
$-OSO_2CF_3$,
$-CONH_2$,
$-OCONR^{101}R^{102}$, wherein R^{101} and R^{102} each independently is hydrogen, C_1-C_6 alkyl, or R^{101} and R^{102} taken together form morpholinyl,
$-OCOR^{103}$, wherein R^{103} represents C_1-C_6 alkyl, and
$-OCOOR^{104}$, wherein R^{104} represents C_1-C_6 alkyl,
wherein R^1, R^2, R^3, and R^4 are optionally substituted with a substituent independently selected from the group consisting of substituent A;

wherein substituent A is independently selected from the group consisting of:
hydroxyl;
oxo (=O);
cyano;
halogen;
C_1-C_6 alkyl optionally substituted with substituent B;
C_3-C_{10} cycloalkyl optionally substituted with cyano or C_1-C_6 alkyl substituted with $-NR^{31}R^{32}$, wherein R^{31} and R^{32} each independently represent hydrogen or C_1-C_6 alkyl;

$-NR^{21}R^{22}$, wherein R^{21} and R^{22} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with hydroxyl, amino, di(C_1-C_6 alkyl)amino, $-SO_2$(C_1-C_6 alkyl), 3- to 8-membered heterocycloalkyl, or cyano; or a 3- to 8-membered heterocycloalkyl optionally substituted with $-COOR^{105}$ wherein R^{105} represents C_1-C_6 alkyl;

C_1-C_6 alkoxy optionally substituted with halogen, 3- to 8-membered heterocycloalkyl optionally substituted with C_1-C_6 alkyl, or $-NR^{33}R^{34}$ wherein R^{33} and R^{34} each independently represent hydrogen, C_1-C_6 alkylsulfonyl, or C_1-C_6 alkyl optionally substituted with C_1-C_6 alkylsulfonyl or di(C_1-C_6 alkyl)amino;

$-SO_2NR^{23}R^{24}$, wherein R^{23} and R^{24} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with hydroxyl, C_1-C_6 alkoxy, halogen, C_3-C_{10} cycloalkyl, heteroaryl, or $-NR^{35}R^{36}$ wherein R^{35} and R^{36} each independently represent hydrogen or C_1-C_6 alkyl; C_3-C_{10} cycloalkyl optionally substituted with C_1-C_6 hydroxyalkyl; 3- to 8-membered heterocycloalkyl; or R^{23} and R^{24} taken together form 3- to 8-membered heterocycloalkyl optionally substituted with amino or halogen;

C_1-C_6 alkylsulfonyl optionally substituted with hydroxyl;

$-NHSO_2$(C_1-C_6 alkyl), wherein the carbon atoms are optionally substituted with $-NR^{37}R^{38}$ wherein R^{37} and R^{38} each independently represent hydrogen or C_1-C_6 alkyl;

3- to 8-membered heterocycloalkyl optionally substituted with $-NR^{39}R^{40}$, wherein R^{39} and R^{40} each independently represent hydrogen, C_1-C_6 alkyl, or C_1-C_6 alkylsulfonyl; C_1-C_6 alkyl optionally substituted with $-NR^{41}R^{42}$, wherein R^{41} and R^{42}each independently represent hydrogen or C_1-C_6 alkyl; hydroxyl; or C_1-C_6 alkylsulfonyl;

aryl optionally substituted with C_1-C_6 alkyl optionally substituted with cyano or amino;

heteroaryl;

$-COOR^{11}$, wherein R^{11} represents hydrogen or C_1-C_6 alkyl; and

$-COR^{12}$, wherein R^{12} represents C_1-C_6 alkyl; C_3-C_{10} cycloalkyl; cyanomethyl; aminomethyl; $-NR^{25}R^{26}$ wherein R^{25} and R^{26} each independently represent hydrogen or C_1-C_6 alkyl optionally substituted with hydroxyl or $-NR^{43}R^{44}$, wherein R^{43} and R^{44} each independently represent hydrogen or C_1-C_6 alkyl; or 3- to 8-membered heterocycloalkyl optionally substituted with C_1-C_6 alkyl;

wherein substituent B is independently selected from the group consisting of:

halogen;

hydroxyl;

C_1-C_6 alkoxy;

cyano;

cycloalkyl;

C_6-C_{10} aryl optionally substituted with cyano;

heteroaryl;

3- to 8-membered heterocycloalkyl optionally substituted with C_1-C_6 alkyl, hydroxyl, amino, C_1-C_6 aminoalkyl, or C_1-C_6 alkyl substituted with C_2-C_7 alkyloxycarbonylamino;

$-NR^{51}R^{52}$, wherein R^{51} and R^{52} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with C_1-C_6 alkylsulfonyl or 3- to 8-membered heterocycloalkyl optionally substituted with $-COOR^{53}$ wherein R^{53} represents hydrogen or C_1-C_6 alkyl; 3- to 8-membered heterocycloalkyl; C_1-C_6 alkylsulfonyl; C_3-C_{10} cycloalkyl; $-COR^{55}$ wherein R^{55} represents C_1-C_6 alkyl; $-COOR^{56}$ wherein R^{56} represents C_1-C_6 alkyl; or $-CONR^{57}R^{58}$ wherein R^{57} and R^{58} each independently represent hydrogen or C_1-C_6 alkyl;

$-COOR^{54}$, wherein R^{54} represents hydrogen or C_1-C_6 alkyl;

$-CONH_2$;

$-SO_2NR^{106}R^{107}$, wherein R^{106} and R^{107} each independently represent hydrogen, C_1-C_6 alkyl, or C_3-C_{10} cycloalkyl;

C_1-C_6 alkylsulfinyl; and

C_1-C_6 alkylsulfonyl;

wherein R^5 is hydrogen or C_1-C_6 alkyl; and

wherein ——X----Y----Z—— is a structure selected from the group consisting of

(i) -S-CR^7=CR^6-,

(ii) -CH_2-CH_2-CH_2-,

(iii) –NR^{108}-CH=CR^{109}-, wherein R^{108} represents hydrogen, or C_1-C_6 alkyl optionally substituted with hydroxyl, and R^{109} represents hydrogen, CH_3, or phenyl substituted with C_1-C_6 aminoalkyl, and

(iv) -N=CH-S-,

wherein R^6 is selected from the group consisting of:

hydrogen,

hydroxyl,

C_1-C_6 alkyl,

C_6-C_{10} aryl optionally substituted with hydroxyl, and

3- to 8-membered heterocycloalkyl optionally substituted with -$NR^{61}R^{62}$, wherein R^{61} and R^{62} each independently represent hydrogen or C_1-C_6 alkyl;

wherein R^7 is selected from the group consisting of:

hydrogen;

halogen; C_1-C_6 alkyl optionally substituted with hydroxyl, -$NR^{71}R^{72}$ wherein R^{71} and R^{72} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with dimethylamino; C_3-C_{10} cycloalkyl optionally substituted with amino or 3- to 8-membered heterocycloalkyl; or 3- to 8-membered heterocycloalkyl optionally substituted with C_1-C_6 aminoalkyl;

C_6-C_{10} aryl optionally substituted with hydroxyl;

C_6-C_{10} arylsulfonyl; and

-COR^{73}, wherein R^{73} represents 3- to 8-membered heterocycloalkyl optionally substituted with amino; or -$NR^{74}R^{75}$ wherein R^{74} and R^{75} each independently represent hydrogen, 3- to 8-membered heterocycloalkyl, or C_3-C_{10} cycloalkyl optionally substituted with amino.

2. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein ——X----Y----Z—— is -S-CR^7=CR^6-.

3. The compound of claim 2, or a pharmaceutically acceptable salt thereof, wherein R^1 is hydrogen, cyano, C_1-C_6 alkyl optionally substituted with hydroxyl or halogen, C_3-C_{10} cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, or halogen.

4. The compound of claim 2, or a pharmaceutically acceptable salt thereof, wherein R^2 is hydrogen, hydroxyl, halogen, C_1-C_6 alkoxy, or C_6-C_{10} aryl optionally substituted with hydroxyl.

5. The compound of claim 2 or a pharmaceutically acceptable salt, wherein R^2 is hydrogen, hydroxyl, halogen, C_1-C_6 alkoxy, or dihydroxyphenyl.

6. The compound of claim 2, or a pharmaceutically acceptable salt thereof, wherein R^3 is selected from the group consisting of: hydrogen; hydroxyl; C_1-C_6 alkyl optionally substituted with hydroxyl, halogen, or hydroxyethylamino; halogen; C_1-C_6 alkoxy optionally substituted with dimethylamino or morpholinyl; C_1-C_6 alkylphenyl, wherein the aliphatic carbons are optionally substituted with –$NR^{51}R^{52}$; cyano; nitro; amino; 3- to 8-membered

heterocycloalkyl optionally substituted with amino; heteroaryl; $-OSO_2CH_3$; $-OSO_2CF_3$; $-OCOR^{103}$, wherein R^{103} represents C_1-C_6 alkyl; $-OCOOR^{104}$ wherein R^{104} represents C_1-C_6 alkyl; $-OCONR^{101}R^{102}$ wherein R^{101} and R^{102} each independentally represent hydrogen or C_1-C_6 alkyl, or R^{101} and R^{102} taken together form morpholinyl; and $-CONH_2$.

7. The compound of claim 6, or a pharmaceutically acceptable salt thereof, wherein when R^3 is a 3- to 8-membered heterocycloalkyl, the 3- to 8-membered heterocycloalkyl is selected from the group consisting of piperidyl, pyrrolidinyl, morpholinyl, or piperazinyl and optionally substituted with amino; and when R^3 is heteroaryl, the heteroaryl is pyridyl.

8. The compound of claim 2, or a pharmaceutically acceptable salt thereof, wherein R^4 is selected from the group consisting of hydrogen, hydroxyl, halogen, amino, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_3-C_{10} cycloalkyl, C_3-C_{10} cycloalkenyl, C_1-C_6 alkoxy, C_6-C_{10} aryl, indanyl, heteroaryl, and 3- to 8-membered heterocycloalkyl, and R^4 is optionally substituted with substituent A.

9. The compound of claim 8, or a pharmaceutically acceptable salt thereof, wherein when R^4 is heteroaryl, the heteroaryl is selected from the group consisting of pyridyl, 1*H*-indazolyl, 1*H*-tetrazolyl, [1,2,4]triazolo[1,5-a]pyridyl, benzoimidazolyl, 2,3-dihydrobenzooxazolyl, pyrazolyl, pyrrolo[2,3-b]pyridyl, pyrimidinyl, indolinyl, furyl, thienyl, and tetrahydroisoquinolyl); and wherein the 3- to 8-membered heterocycloalkyl is selected from the group consisting of aziridinyl, azetidinyl, pyrrolidinyl, imidazolidinyl, piperidyl, piperazinyl, azepanyl, morpholinyl, and 1,2,3,6-tetrahydropyridyl; wherein each of the groups of R^4 is optionally substituted with substituent A-1;

wherein substituent A-1 is selected from the group consisting of:
hydroxyl;
oxo;
cyano;
halogen;
C_1-C_6 alkyl optionally substituted with a substituent selected from the group consisting of substituent B-1;
C_3-C_{10} cycloalkyl optionally substituted with cyano, or C_1-C_6 alkyl substituted with $-NR^{31}R^{32}$;
$-NR^{21A}R^{22A}$, wherein R^{21A} and R^{22A} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with amino, di (C_1-C_6 alkyl) amino, $-SO_2$ (C_1-C_6 alkyl), piperidyl, or cyano; or piperidyl optionally substituted with $-COOR^{105}$;
C_1-C_6 alkoxy optionally substituted with halogen; a 3- to 8-membered heterocycloalkyl selected from piperidyl and piperazinyl, either of which is optionally substituted with C_1-C_6 alkyl; or $-NR^{33}R^{34}$;
$-SO_2NR^{23A}R^{24A}$, wherein R^{23A} and R^{24A} each independently represent hydrogen, C_1-C_6 alkyl optionally substituted with hydroxyl, C_1-C_6 alkoxy, halogen, C_3-C_{10} cycloalkyl, pyrazolyl, imidazolyl, or $-NR^{35}R^{36}$; C_3-C_{10} cycloalkyl optionally substituted with C_1-C_6 hydroxyalkyl; azetidinyl; pyrrolidinyl, or R^{23A} and R^{24A} taken together form pyrrolidinyl optionally substituted with amino or halogen;
C_1-C_6 alkylsulfonyl optionally substituted with hydroxyl;
$-NHSO_2(C_1$-C_6 alkyl), wherein the carbon atoms are optionally substituted with $-NR^{37}R^{38}$;
3- to 8-membered heterocycloalkyl selected from the group consisting of azetidinyl, pyrrolidinyl, piperidyl, piperazinyl, and tetrahydropyridyl any of which is optionally substituted with $-NR^{39}R^{40}$; C_1-C_6 alkyl optionally substituted with $-NR^{41}R^{42}$; hydroxyl; or C_1-C_6 alkylsulfonyl;
1*H*-tetrazolyl;

aryl optionally substituted with C_1-C_6 alkyl, wherein C_1-C_6 is the aliphatic carbons are optionally substituted with cyano or amino;

-$COOR^{11}$; and

-COR^{12A}, wherein R^{12A} represents piperazinyl optionally substituted with C_1-C_6 alkyl; C_3-C_{10} cycloalkyl; cyanomethyl; aminomethyl; -$NR^{25}R^{26}$ wherein R^{25} and R^{26} each independently represent hydrogen or C_1-C_6 alkyl optionally substituted with hydroxyl or -$NR^{43}R^{44}$; or C_1-C_6 alkylsulfonyl;

wherein substituent B-1 is selected from the group consisting of:

halogen;

hydroxyl;

C_1-C_6 alkoxy;

cyano;

cycloalkyl;

phenyl optionally substituted with cyano;

heteroaryl selected from the group consisiting of imidazolyl, pyrazolyl, and thiazolyl;

3- to 8-membered heterocycloalkyl selected from the group consisting of pyrrolidinyl, piperidyl, piperazinyl, morpholinyl, and oxetanyl any of which are optionally substituted with hydroxyl, amino, C_1-C_6 aminoalkyl, or C_1-C_6 alkyl optionally substituted with C_2-C_7 alkyloxycarbonylamino;

-$NR^{51A}R^{52A}$, wherein R^{51A} and R^{52A} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with C_1-C_6 alkylsulfonyl or piperidyl optionally substituted with -$COOR^{53}$; piperidyl; C_1-C_6 alkylsulfonyl; C_3-C_{10} cycloalkyl; -COR^{55}, -$COOR^{56}$, or -$CONR^{57}R^{58}$;

-$COOR^{54}$;

-$CONH_2$;

-$SO_2NR^{106}R^{107}$;

C_1-C_6 alkylsulfinyl; and

C_1-C_6 alkylysulfonyl.

10. The compound of claim 9, or a pharmaceutically acceptable salt thereof, wherein R^4 is a group selected from group (p):

wherein group (p) is independently selected from the group consisting of:

hydrogen,

hydroxyl,

halogen,

amino optionally substituted with a substituent selected from the group consisting of substituent (g),

C_1-C_6 alkyl optionally substituted with a substituent selected from the group consisting of substituent (a),

C_2-C_6 alkenyl optionally substituted with a substituent selected from the group consisting of substituent (b),

C_3-C_{10} cycloalkyl,

C_3-C_{10} cycloalkenyl,

C_1-C_6 alkoxy,

C_6-C_{10} aryl optionally substituted with a substituent selected from the group consisting of substituent (c),

indanyl optionally substituted with a substituent selected from the group consisting of substituent (d),

heteroaryl selected from the group consisting of pyridyl, 1*H*-indazolyl, 1*H*-tetrazolyl, [1,2,4]triazolo[1,5-*a*]pyridyl, benzoimidazolyl, 2,3-dihydrobenzooxazolyl, pyrazolyl, pyrrolo[2,3-*b*]pyridyl, pyrimidinyl, indolinyl, furyl, thienyl, and tetrahydroisoquinolyl any of which is optionally substituted with a substituent selected from the group consisting of substituent (e); and

3- to 8-membered heterocycloalkyl selected from the group consisting of pyrrolidinyl, piperidyl, piperazinyl, morpholinyl, and 1,2,3,6-tetrahydropyridyl any of which is optionally substituted with a substituent selected from the group consisting of substituent (f);

wherein substituent (a) is selected from the group consisting of:

$-NR^{21A}R^{22A}$, wwherein R^{21A} and R^{22A} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with piperidyl; or piperidyl optionally substituted with $-COOR^{105}$;

3- to 8-membered heterocycloalkyl selected from the group consisting of pyrrolidinyl and piperidyl either of which is optionally substituted with C_1-C_6 alkyl optionally substituted with $-NR^{41}R^{42}$ or $-NR^{39}R^{40}$ wherein R^{39} and R^{40} each independently represent hydrogen or C_1-C_6 alkyl; and

$-NHSO_2(C_1$-C_6 alkyl);

wherein substituent (b) is selected from the group consisting of:

$-COOR^{11}$;

$-NR^{21a}R^{22a}$, wherein R^{21a} and R^{22a} each independently represent hydrogen, or C_1-C_6 alkyl optionally substituted with di(C_1-C_6 alkyl)amino or C_1-C_6 alkylsulfonyl;

3- to 8-membered heterocycloalkyl selected from the group consisting of azetidinyl, pyrrolidinyl, and piperidyl any of which are optionally substituted with $-NR^{39}R^{40}$, C_1-C_6 alkyl optionally substituted with $-NR^{41}R^{42}$, hydroxyl, or C_1-C_6 alkylsulfonyl;

cyano; and

C_1-C_6 alkoxy;

wherein substituent (c) is selected from the group consisting of:

hydroxyl;

cyano;

halogen;

C_1-C_6 alkyl optionally substituted with a substituent selected from the group consisting of substituent B-c below;

C_3-C_{10} cycloalkyl optionally substituted with cyano, or C_1-C_6 alkyl substituted with $-NR^{31}R^{32}$;

$-NR^{21c}R^{22c}$, wherein R^{21c} and R^{22c} each independently represent hydrogen or C_1-C_6 alkyl optionally substituted with amino or cyano;

C_1-C_6 alkoxy optionally substituted with halogen, 3- to 8-membered heterocycloalkyl selected from the group consistingn of piperidyl and piperazinyl either of which are optionally substituted with C_1-C_6 alkyl, or $-NR^{33}R^{34}$;

$-SO_2NR^{23c}R^{24c}$, wherein R^{23c} and R^{24c} each independently represent hydrogen, C_1-C_6 alkyl optionally substituted with hydroxyl, C_1-C_6 alkoxy, halogen, C_3-C_{10} cycloalkyl, pyrazolyl, imidazolyl, or $-NR^{35}R^{36}$; C_3-C_{10}cycloalkyl optionally substituted with C_1-C_6 hydroxyalkyl; azetidinyl, pyrrolidinyl, or wherein R^{23c} and R^{24c} takent together form pyrrolidinyl which is optionally substituted with amino or halogen;

C_1-C_6 alkylsulfonyl optionally substituted with hydroxyl;

$-NHSO_2(C_1$-C_6 alkyl), wherein the carbon atoms are optionally substituted with $-NR^{37}R^{38}$;

piperazinyl optionally substituted with C_1-C_6 alkyl or C_1-C_6 alkylsulfonyl;

piperidyl optionally substituted with hydroxyl;
1*H*-tetrazolyl;
1, 2, 3, 6-tetrahydropyridyl; and
-COR^{12c}, wherein R^{12c} represents piperazinyl which is optionally substituted with C_1-C_6 alkyl, C_3-C_{10} cycloalkyl, cyanomethyl, aminomethyl, -$NR^{25}R^{26}$, or C_1-C_6 alkyl; and

wherein substituent B-c is selected from the group consisting of:
halogen;
hydroxyl;
methoxy;
cyano;
C_3-C_{10} cycloalkyl;
3- to 8-membered heterocycloalkyl selected from the group consisting of pyrrolidinyl, piperidyl, piperazinyl, morpholinyl, and oxetanyl, any of which is optionally substituted with C_1-C_6 alkyl, hydroxyl, amino, C_1-C_6 aminoalkyl, or C_1-C_6 alkyl substituted with C_2-C_7 alkyloxycarbonylamino;
-$NR^{51c}R^{52c}$, wherein R^{51c} and R^{52c} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with C_1-C_6 alkylsulfonyl, or piperidyl optionally substituted with -$COOR^{53}$; piperidyl; C_1-C_6alkylsulfonyl; C_3-C_{10} cycloalkyl; -COR^{55}; or -$CONR^{57}R^{58}$;
heteroaryl selected from the group consisting of imidazolyl, pyrazolyl, and thiazolyl;
-$COOR^{54}$;
-$CONH_2$;
-$SO_2NR^{106}R^{107}$;
C_1-C_6 alkylsufinyl; and
C_1-C_6 alkylsulfonyl; wherein substituent (d) is selected from the group consisting of:
-$NR^{21d}R^{22d}$, wherein R^{21d} and R^{22d} each independently represent hydrogen or C_1-C_6 alkyl;

wherein substituent (e) is selected from the group consisting of:
hydroxyl;
oxo;
cyano;
C_3-C_{10} cycloalkyl optionally substituted with cyano;
-$NR^{21e}R^{22e}$, wherein R^{21e} and R^{22e} each independently represent hydrogen or C_1-C_6 alkyl optionally substituted with amino;
piperidyl;
C_1-C_6 alkoxy optionally substituted with –$NR^{33}R^{34}$;
C_1-C_6 alkyl optionally substituted with cyano; -$NR^{51e}R^{52e}$, wherein R^{51e} and R^{52e} each independently represent hydrogen, C_1-C_6 alkyl, or -$COOR^{56}$; morpholinyl; or cyanophenyl;
-$CONH_2$;

wherein substituent (f) is selected from the group consisting of:
C_1-C_6 alkyl optionally substituted with -$NR^{51f}R^{52f}$, wherein R^{51f} and R^{52f} each independently represent hydrogen, C_1-C_6 alkyl, or -$COOR^{56}$; and
C_1-C_6 alkylsulfonyl;

wherein substituent (g) is aryl optionally substituted with C_1-C_6 alkyl having the aliphatic carbons optionally substituted with cyano or amino.

11. The compound of claim 2, or a pharmaceutically acceptable salt thereof, wherein R^6 is hydrogen; hydroxyl; C_1-C_6 alkyl; phenyl optionally substituted with 1 to 3 hydroxyls; piperidyl optionally substituted with amino; or piperazinyl.

12. The compound of claim 11, or a pharmaceutically acceptable salt thereof, wherein R^7 is hydrogen; C_1-C_6 alkyl optionally substituted with hydroxyl or piperidyl; or halogen.

13. The compound of claim 2, or a pharmaceutically acceptable salt thereof, wherein R^7 is hydrogen;
C_1-C_6 alkyl optionally substituted with hydroxyl; $-NR^{71A}R^{72A}$ wherein R^{71A} and R^{72A} each independently represent hydrogen, C_1-C_6 alkyl optionally substituted with dimethylamino, C_3-C_{10} cycloalkyl optionally substituted with amino, or piperidyl; or 3- to 8-membered heterocycloalkyl selected from the group consisting of piperidyl and morpholinyl either of which is optionally substituted with C_1-C_6 aminoalkyl;
phenyl optionally substituted with 1 to 2 hydroxyls;
phenylsulfonyl; or
$-COR^{73A}$, wherein R^{73A} represents piperidyl optionally substituted with amino, or $-NR^{74A}R^{75A}$, wherein R^{74A} and R^{75A} each independently represent hydrogen, piperidyl, or C_3-C_{10} cycloalkyl optionally substituted with amino.

14. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein

——X═Y—Z—— is $-CH_2-CH_2-CH_2-$.

15. The compound of claim 14, or a pharmaceutically acceptable salt thereof, wherein R^1 and R^2 are hydrogen.

16. The compound of claim 14, or a pharmaceutically acceptable salt thereof, wherein R^3 is hydroxyl or methoxy.

17. The compound of claim 14, or a pharmaceutically acceptable salt thereof, wherein R^4 is hydrogen; phenyl substituted with C_1-C_6 alkyl substituted with $-NR^{51A}R^{52A}$, wherein R^{51A} and R^{52A} each independently represent hydrogen or C_1-C_6 alkyl, or $-SO_2NR^{53A}R^{54A}$, wherein R^{53A} and R^{54A} each independently represent hydrogen or C_1-C_6 alkyl optionally substituted with halogen or hydroxy; 1,2,3,6-tetrahydropyridyl; hydroxypyridyl; or methoxypyridyl.

18. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein

——X═Y—Z—— is $-NR^{108}-CH=CR^{109}-$,

R^1, R^2, and R^4 are hydrogen, and
R^3 is hydrogen, hydroxyl or C_1-C_6 alkoxy.

19. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein

——X═Y—Z—— is $-N=CH-S-$,

R^1, R^2, and R^4 are hydrogen, and
R^3 is methoxy.

20. A compound selected from the group consisting of:
(1): 8-methoxy-5-methylthieno[2,3-c]quinolin-4(5H)-one;
(2): 8-hydroxy-5-methylthieno[2,3-c]quinolin-4(5H)-one;
(3): 7,8-dihydroxythieno[2,3-c]quinolin-4(5H)-one;
(4): 7,8-dimethoxythieno[2,3-c]quinolin-4(5H)-one;

(5): 8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(6): 7,9-dimethoxythieno[2,3-c]quinolin-4(5H)-one;

(7): 7,9-dihydroxythieno[2,3-c]quinolin-4(5H)-one;

(8): 7,8,9-trimethoxythieno[2,3-c]quinolin-4(5H)-one;

(9): 8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(10): 7,8,9-trihydroxythieno[2,3-c]quinolin-4(5H)-one;

(11): 9-(3-(2-aminoethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(12): 8-chlorothieno[2,3-c]quinolin-4(5H)-one;

(13): 4-oxo-4,5-dihydrothieno[2,3-c]quinoline-8-carbonitrile;

(14): thieno[2,3-c]quinolin-4(5H)-one;

(15): 8-fluorothieno[2,3-c]quinolin-4(5H)-one;

(16): 8-nitrothieno[2,3-c]quinolin-4(5H)-one;

(17): 8-(3-aminopiperidin-1-yl)thieno[2,3-c]quinolin-4(5H)-one;

(18): 1-(4-hydroxyphenyl)thieno[2,3-c]quinolin-4(5H)-one;

(19): 1,8-dihydroxythieno[2,3-c]quinolin-4(5H)-one;

(20): 8-hydroxy-1-(4-hydroxyphenyl)thieno[2,3-c]quinolin-4(5H)-one;

(21): (R)-8-(3-aminopyrrolidin-1-yl)thieno[2,3-c]quinolin-4(5H)-one;

(22): (S)-8-(3-aminopyrrolidin-1-yl)thieno[2,3-c]quinolin-4(5H)-one;

(23): 8-(pyridin-3-yl)thieno[2,3-c]quinolin-4(5H)-one;

(24): 8-(4-hydroxyphenyl)thieno[2,3-c]quinolin-4(5H)-one;

(25): 1-(3,4-dihydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(26): 1-(3-aminopiperidin-1-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(27): 8-morpholinothieno[2,3-c]quinolin-4(5H)-one ;

(28): 8-hydroxy-2-methylthieno[2,3-c]quinolin-4(5H)-one;

(29): 8-hydroxy-2-(hydroxymethyl)thieno[2,3-c]quinolin-4(5H)-one;

(30):
8-hydroxy-4-oxo-N-(piperidin-3-yl)-4,5-dihydrothieno[2,3-c]quinoline-2-carboxamide;

(31): 8-hydroxy-2-(4-hydroxyphenyl)thieno[2,3-c]quinolin-4(5H)-one;

(32): 8-hydroxy-1-(piperazin-1-yl)thieno[2,3-c]quinolin-4(5H)-one;

(33):
N-((1R,4R)-4-aminocyclohexyl)-8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinoline-2-carboxamide;

(34): 2-(3-aminopiperidine-1-carbonyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(35): 2-(3,4-dihydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(36):
2-(((1R,4R)-4-aminocyclohexylamino)methyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(37): 8-(piperazin-1-yl)thieno[2,3-c]quinolin-4(5H)-one;

(38): 8-hydroxy-1-methylthieno[2,3-c]quinolin-4(5H)-one;

(39): 2-((2-(dimethylamino)ethylamino)methyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(40): 8-hydroxy-2-((piperidin-3-ylamino)methyl)thieno[2,3-c]quinolin-4(5H)-one;

(41): 7-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(42): 9-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(43): 9-(3,4-dihydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(44): 1-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinoline-8-carbonitrile;

(45): 7-(3,4-dihydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(46): 8-hydroxy-1-methyl-3H-pyrrolo[2,3-c]quinolin-4(5H)-one;

(47): 9-(3,5-dihydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(48): 8-hydroxy-9-(3-hydroxyphenyl)thieno[2,3-c]quinolin-4(5H)-one;

(49): 8-hydroxy-9-(4-hydroxyphenyl)thieno[2,3-c]quinolin-4(5H)-one;

(50): 9-(3,4-difluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(51): (S)-8-(3-aminopyrrolidin-1-yl)-2-(4-hydroxyphenyl)thieno[2,3-c]quinolin-4(5H)-one;

(52): 5-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)picolinonitrile;

(53): 9-(6-aminopyridin-3-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(54): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzamide;

(55): 9-(3-fluoro-4-hydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(56): 8-hydroxy-2-(3-hydroxyphenyl)thieno[2,3-c]quinolin-4(5H)-one;

(57): (R)-8-(3-aminopyrrolidin-1-yl)-2-(3,4-dihydroxyphenyl)thieno[2,3-c]quinolin-4(5H)-one;

(58): 9-(3,4-difluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(59): 9-(4-fluoro-3-hydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(60): 8-hydroxy-9-(3-hydroxy-5-(trifluoromethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(61): 8-hydroxy-9-(1H-indazol-6-yl)thieno[2,3-c]quinolin-4(5H)-one;

(62): 8-hydroxy-9-(3,4,5-trihydroxyphenyl)thieno[2,3-c]quinolin-4(5H)-one;

(63): 9-(4-hydroxyphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(64): 9-(4-(1H-tetrazol-5-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(65): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(66): 9-(3-chloro-4-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(67): 9-(4-chloro-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(68): 9-(3,4-dichlorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(69): 9-(4-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(70): 8-hydroxy-9-phenylthieno[2,3-c]quinolin-4(5H)-one;

(71): 9-(4-(difluoromethoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(72): 9-(4-(aminomethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(73): 9-(4-(aminomethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(74): 9-(3-aminophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(75): 3-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(76): 8-hydroxy-9-(3,4,5-trifluorophenyl)thieno[2,3-c]quinolin-4(5H)-one;

(77): N-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(78): 8-methoxy-9-phenylthieno[2,3-c]quinolin-4(5H)-one;

(79): 8-hydroxy-9-(naphthalen-2-yl)thieno[2,3-c]quinolin-4(5H)-one;

(80): 8-hydroxy-9-(4-(hydroxymethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(81): 2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)acetonitrile;

(82): 8-hydroxy-9-(4-(methylsulfonyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(83): 8-hydroxy-9-(pyridin-4-yl)thieno[2,3-c]quinolin-4(5H)-one;

(84): 8-hydroxy-9-(1,2,3,6-tetrahydropyridin-4-yl)thieno[2,3-c]quinolin-4(5H)-one;

(85): 8-hydroxy-9-(4-hydroxy-3-methoxyphenyl)thieno[2,3-c]quinolin-4(5H)-one;

(86): 9-(3-fluoro-4-(morpholinomethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(87): 9-(3-(aminomethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(88): 9-(4-(aminomethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(89): 9-(3-(difluoromethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(90): 9-(3-(aminomethyl)phenyl)-8-hydroxy-2-methylthieno[2,3-c]quinolin-4(5H)-one;

(91): 9-cyclohexenyl-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(92): 9-(3,5-difluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(93): 9-(4-(2-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(94): 9-(3-(aminomethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(95): 9-(4-(aminomethyl)phenyl)-8-hydroxy-2-methylthieno[2,3-c]quinolin-4(5H)-one;

(96): 9-cyclopropyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(97): 9-([1,2,4]triazolo[1,5-a]pyridin-6-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(98): 8-methoxy-9-(1,2,3,6-tetrahydropyridin-4-yl)thieno[2,3-c]quinolin-4(5H)-one;

(99): 9-cyclohexenyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(100): 8-methoxy-9-(4-(2-(piperidin-1-yl)ethylamino)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(101): 9-(4-(aminomethyl)phenyl)-8-hydroxy-2-(morpholinomethyl)thieno[2,3-c]quinolin-4(5H)-one;

(102): 9-(1H-benzo[d]imidazol-5-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(103): 9-(4-(difluoromethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(104):
9-(4-(aminomethyl)phenyl)-8-methoxy-2-(morpholinomethyl)thieno[2,3-c]quinolin-4(5H)-one;

(105):
8-hydroxy-9-(4-(2-(piperidin-1-yl)ethylamino)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(106): 8-hydroxy-9-(4-(piperazin-1-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(107): 8-methoxy-2,3-dihydro-1H-cyclopenta[c]quinolin-4(5H)-one;

(108): 8-hydroxy-2,3-dihydro-1H-cyclopenta[c]quinolin-4(5H)-one;

(109):
5-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzo[d]oxazol-2(3H)-one;

(110): tert-butyl
4-(2-(hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzylamino)ethyl)piperidine-1-carboxylate;

(111): 8-methoxy-9-(4-(piperazin-1-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(112):
8-hydroxy-9-(4-(4-(methylsulfonyl)piperazin-1-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(113):
8-hydroxy-9-(4-((piperidin-3-ylamino)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(114):
N-(2-(dimethylamino)ethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzamide;

(115):
9-(4-(3-(dimethylamino)propoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(116): 8-methoxy-9-(1-(piperidin-4-yl)-1H-pyrazol-4-yl)thieno[2,3-c]quinolin-4(5H)-one;

(117): 8-hydroxy-9-(1-(piperidin-4-yl)-1H-pyrazol-4-yl)thieno[2,3-c]quinolin-4(5H)-one;

(118): 8-methoxythiazolo[4,5-c]quinolin-4(5H)-one;

(119):
2-((4-(aminomethyl)piperidin-1-yl)methyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(120):
N-(2-(dimethylamino)ethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzamide;

(121):
9-(4-(aminomethyl)phenyl)-8-hydroxy-2,3-dihydro-1H-cyclopenta[c]quinolin-4(5H)-one;

(122): (E)-butyl 3-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)acrylate;

(123): 8-methoxy-9-(1H-pyrrolo[2,3-b]pyridin-5-yl)thieno[2,3-c]quinolin-4(5H)-one;

(124): 8-hydroxy-9-(1H-pyrrolo[2,3-b]pyridin-5-yl)thieno[2,3-c]quinolin-4(5H)-one;

(125): N-(methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenethyl)acetamide;

(126):
N-(2-aminoethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzamide;

(127):
N-(2-aminoethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzamide;

(128): N-(hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenethyl)acetamide;

(129): 4-(8-hydroxy-4-oxo-2,3,4,5-tetrahydro-1H-cyclopenta[c]quinolin-9-yl)benzenesulfonamide;

(130): 8-hydroxy-9-(4-(4-methylpiperazine-1-carbonyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(131): 8-methoxy-9-(4-(4-methylpiperazine-1-carbonyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(132): 8-hydroxy-9-(4-((4-methylpiperazin-1-yl)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(133): 8-methoxy-9-(4-((4-methylpiperazin-1-yl)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(134): (E)-9-(3-(diethylamino)prop-1-enyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(135): (E)-9-(3-(4-(aminomethyl)piperidin-1-yl)prop-1-enyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(136): (E)-9-(3-(2-(diethylamino)ethylamino)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(137): N-(4-(8-hydroxy-4-oxo-2,3,4,5-tetrahydro-1H-cyclopenta[c]quinolin-9-yl)phenyl)methanesulfonamide;

(138): 9-(2-(dimethylamino)pyrimidin-5-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(139): tert-butyl (1-(methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzyl)piperidin-4-yl)methylcarbamate;

(140): 8-hydroxy-9-(4-(4-methylpiperazin-1-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(141): 8-methoxy-9-(4-(4-methylpiperazin-1-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(142): 8-methoxy-9-(1-(methylsulfonyl)-1,2,3,6-tetrahydropyridin-4-yl)thieno [2,3-c]quinolin-4(5H)-one;

(143): (E)-9-(3-(diethylamino)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin- 4(5H)-one;

(144): 9-(3-(4-(aminomethyl)piperidin-1-yl)propyl)-8-methoxythieno[2,3-c] quinolin-4(5H)-one;

(145): 9-(4-(3-(2-(diethylamino)ethylamino)propoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(146): 9-(4-(3-(diethylamino)propoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(147): 9-(4-(3-(2-(diethylamino)ethylamino)propoxy)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(148): (E)-9-(3-(4-(aminomethyl)piperidin-1-yl)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(149):
9-(4-(3-(dimethylamino)propoxy)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(150): 8-hydroxy-9-(4-(2-(piperidin-1-yl)ethoxy)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(151): 9-(4-(2-(ethylamino)ethoxy)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(152):
(E)-9-(3-(4-aminopiperidin-1-yl)prop-1-enyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(153):
9-(1-(2-aminoethyl)-1,2,3,6-tetrahydropyridin-4-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(154): 9-(4-(2-(ethylamino)ethoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(155): 9-(4-(2-(diethylamino)ethoxy)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(156): 9-(4-(2-(diethylamino)ethoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(157): 9-(4-(2-(dimethylamino)ethoxy)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(158): 9-(4-(2-(dimethylamino)ethoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(159): 8-methoxy-9-(4-(2-(piperidin-1-yl)ethoxy)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(160):
8-methoxy-9-(3-(2-(4-methylpiperazin-1-yl)ethoxy)phenyl)thieno[2,3-c]quinolin-4(5H)-one
;

(161): 9-(3-(2-(diethylamino)ethoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(162): 9-(3-(3-(diethylamino)propoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(163): 9-(4-(2-(dimethylamino)ethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(164): 9-(4-((dimethylamino)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(165): 9-(4-((dimethylamino)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(166): 9-(3-(2-(diethylamino)ethoxy)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(167):
8-hydroxy-9-(3-(2-(4-methylpiperazin-1-yl)ethoxy)phenyl)thieno[2,3-c]quinolin-4(5H)-one
;

(168):
N-ethyl-N-(2-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenylmethoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenoxy)ethyl)methanesulfonamide;

(169): 9-(4-(2-aminoethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(170): 2-(3-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)acetonitrile;

(171): 2-(3-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)acetonitrile;

(172):
9-(1-(2-(dimethylamino)ethyl)-1,2,3,6-tetrahydropyridin-4-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(173):
N-(hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenethyl)methanesulfonamide;

(174): 9-(1-(2-(diethylamino)ethyl)-1,2,3,6-tetrahydropyridin-4-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(175): 9-(4-(2-aminoethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(176): 9-(4-(2-aminoethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(177): N-(methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenethyl)methanesulfonamide;

(178): N-(methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenethyl)methanesulfonamide;

(179): N-(2-aminoethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(180): 8-hydroxy-9-(1,2,3,6-tetrahydropyridin-4-yl)-2,3-dihydro-1H-cyclopenta[c]quinolin-4(5H)-one;

(181): 9-(4-(1-(dimethylamino)ethyl)phenyl)-8-hydroxy-2,3-dihydro-1H-cyclopenta[c]quinolin-4(5H)-one;

(182): 9-(4-(2-(dimethylamino)ethyl)phenyl)-8-methoxy-2,3-dihydro-1H-cyclopenta[c]quinolin-4(5H)-one;

(183): 9-(4-((diethylamino)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(184): 9-(4-((diethylamino)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(185): 9-(3-(2-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(186): 9-(3-(2-aminoethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(187): 8-hydroxy-9-(4-((methylamino)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(188): 8-methoxy-9-(4-((methylamino)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(189): 9-(4-amino-3-methoxyphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(190): 3-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzonitrile;

(191): 9-(4-(1-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(192): 9-(4-(1-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(193): N-(1-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethyl)methanesulfonamide;

(194): 8-hydroxy-9-(4-(1-(pyrrolidin-1-yl)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(195): 9-(4-(1-aminoethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(196): 9-(4-(1-(diethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(197): N-(2-aminoethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(198):
N-(2-(dimethylamino)ethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(199):
4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(pyrrolidin-3-yl)benzenesulfonamide;

(200):
N-(azetidin-3-yl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(201): 9-(4-(2-(diethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(202):
2-amino-N-(3-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethanesulfonamide;

(203): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzonitrile;

(204): 4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzonitrile;

(205):
(E)-9-(3-(3-aminopyrrolidin-1-yl)prop-1-enyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(206):
N-(2-hydroxyethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(207): 8-methoxy-9-(5-methoxypyridin-3-yl)thieno[2,3-c]quinolin-4(5H)-one;

(208):
8-methoxy-9-(5-methoxypyridin-3-yl)-2,3-dihydro-1H-cyclopenta[c]quinolin-4(5H)-one;

(209):
9-(4-(3-aminopyrrolidin-1-ylsulfonyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(210):
N-(2-bromoethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(211): 9-(4-((diisopropylamino)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(212):
N-(hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzyl)methanesulfonamide;

(213): 9-(4-((isopropylamino)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(214):
2-(dimethylamino)-N-(3-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethanesulfonamide;

(215):
2-amino-N-(3-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethanesulfonamide;

(216): 8-methoxy-9-(4-(1-(pyrrolidin-1-yl)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(217): 9-(4-amino-3-hydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(218):
N-(2-methoxy-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(219): 9-(3,5-difluoro-4-hydroxyphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(220): N-(2-hydroxy-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(221): 9-(4-((4-(aminomethyl)piperidin-1-yl)methyl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(222): 9-(4-(2-(dimethylamino)ethyl)phenyl)-6-fluoro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(223): 9-(3,5-difluoro-4-hydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(224): 6-fluoro-8-methoxy-9-(1,2,3,6-tetrahydropyridin-4-yl)thieno[2,3-c]quinolin-4(5H)-one;

(225): 9-(4-(1-(dimethylamino)ethyl)phenyl)-6-fluoro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(226): 9-(4-((diethylamino)methyl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(227): (E)-9-(3-(3-hydroxypyrrolidin-1-yl)prop-1-enyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(228): (E)-8-hydroxy-9-(3-(3-hydroxypyrrolidin-1-yl)prop-1-enyl)thieno[2,3-c]quinolin-4(5H)-one;

(229): 8-hydroxy-9-(4-((isopropylamino)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(230): (E)-9-(3-(3-aminoazetidin-1-yl)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(231): (E)-8-methoxy-9-(3-(2-(methylsulfonyl)ethylamino)prop-1-enyl)thieno[2,3-c]quinolin-4(5H)-one;

(232): (S)-9-(4-(1-aminoethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(233): (S)-9-(4-(1-aminoethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(234): 8-hydroxy-9-(5-hydroxypyridin-3-yl)-2,3-dihydro-1H-cyclopenta[c]quinolin-4(5H)-one;

(235): 9-(4-((4-(aminomethyl)piperidin-1-yl)methyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(236): 8-methoxy-9-(4-(1-(2-(methylsulfonyl)ethylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(237): 9-(4-((3-aminopyrrolidin-1-yl)methyl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(238): (E)-9-(3-(3-aminoazetidin-1-yl)prop-1-enyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(239): (E)-9-(3-(ethylamino)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H) -one;

(240): 9-(4-((3-aminopiperidin-1-yl)methyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(241): 9-(4-((3-aminopyrrolidin-1-yl)methyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(242): 9-(4-((3-aminopiperidin-1-yl)methyl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(243): 8-hydroxy-9-(4-(1-(2-(methylsulfonyl)ethylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(244): (E)-9-(3-(3-aminopiperidin-1-yl)prop-1-enyl)-8-methoxythieno[2,3-c] quinolin-4(5H)-one;

(245): (E)-9-(3-(3-aminopyrrolidin-1-yl)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(246): (E)-9-(3-(3-aminopiperidin-1-yl)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(247): (E)-8-hydroxy-9-(3-(2-(methylsulfonyl)ethylamino)prop-1-enyl)thieno[2,3-c]quinolin-4(5H)-one;

(248): 8-methoxy-9-(4-(2-(2-(methylsulfonyl)ethylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(249): 2-(2-fluoro-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)acetonitrile;

(250): (E)-N-(1-(3-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)allyl)azetidin-3-yl)methanesulfonamide;

(251): 4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N,N-dimethylbenzenesulfonamide;

(252): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-methylbenzenesulfonamide;

(253): tert-butyl (5-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)furan-2-yl)methylcarbamate;

(254): N-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-2-methylphenyl)methanesulfonamide;

(255): N-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-2-methylphenyl)methanesulfonamide;

(256): 9-(4-(aminomethyl)phenyl)-6-fluoro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(257): 9-(4-(aminomethyl)phenyl)-6-fluoro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(258): 6-fluoro-8-hydroxy-9-(1,2,3,6-tetrahydropyridin-4-yl)thieno[2,3-c]quinolin-4(5H)-one;

(259): 9-(4-((diethylamino)methyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(260): 8-methoxy-9-(4-(1-(piperidin-1-yl)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(261): 2-(2-fluoro-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)acetonitrile;

(262): 8-hydroxy-9-(4-(1-(piperidin-1-yl)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(263): (E)-9-(3-(3-(dimethylamino)piperidin-1-yl)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(264): (E)-9-(3-(3-(dimethylamino)pyrrolidin-1-yl)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(265): 9-(4-(2-aminoethyl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(266): 9-(5-(aminomethyl)thiophen-2-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(267): 9-(4-((ethylamino)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(268): (E)-9-(3-(4-aminopiperidin-1-yl)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(269): 9-(4-((ethylamino)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(270): 9-(4-(aminomethyl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(271): 9-(3-chloro-4-((diethylamino)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(272): (R)-9-(4-(1-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(273): 9-(4-(3-aminopropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(274): (R)-9-(4-(1-aminoethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(275): (R)-9-(4-(1-aminoethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(276): 9-(4-(2-aminoethyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(277): 9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(278): 9-(3-fluoro-4-((3-hydroxypyrrolidin-1-yl)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(279): 9-(3-fluoro-4-((3-hydroxypyrrolidin-1-yl)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(280): 4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2,2,2-trifluoroethyl)benzenesulfonamide;

(281):
4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2,2,2-trifluoroethyl)benzene sulfonamide;

(282):
N-(2-(dimethylamino)ethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(283):
8-hydroxy-9-(4-((2-(methylsulfonyl)ethylamino)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(284):
9-(3-(3-(dimethylamino)pyrrolidin-1-yl)propyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(285): 9-(1-(2-aminoethyl)-1H-pyrazol-4-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(286):
9-(3-chloro-4-((diethylamino)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(287):
4-(7-fluoro-8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)benzenesulfonamide;

(288): 9-(3-acetylphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(289):
2-fluoro-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)benzamide;

(290): 3-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanenitrile;

(291): 9-(4-acetylphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(292):
2-fluoro-N-(2-hydroxyethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzamide;

(293):
4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)benzamide;

(294): 1,1-diethyl-3-(hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzyl)urea;

(295):
N-(2-hydroxyethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzamide;

(296): 9-(4-acetylphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(297):
N-(2-bromoethyl)-2-fluoro-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(298):
9-(3-(3-(dimethylamino)piperidin-1-yl)propyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(299):
N-(2-fluoro-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenethyl)methanesulfonamide;

(300):
9-(3-fluoro-4-(2-(methylsulfonamido)ethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl methanesulfonate;

(301):
(R)-N-(1-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethyl)methane sulfonamide;

(302):
(R)-9-(4-(1-(methylsulfonamido)ethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl methanesulfonate;

(303):
2-fluoro-N-(2-hydroxyethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(304):
4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N,N-dimethylbenzenesulfonamide;

(305):
9-(4-(2-(dimethylamino)ethyl)phenyl)-7-fluoro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(306):
N-(2-bromoethyl)-4-(7-fluoro-8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(307):
4-(7-fluoro-8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)benzenesulfonamide;

(308):
9-(4-(1-(dimethylamino)-2-methylpropan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(309):
N-(2-chloro-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzyl)-N-methyl methanesulfonamide;

(310):
4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-methoxyethyl)benzenesulfonamide;

(311):
(E)-3-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-2-methylacrylonitrile;

(312):
N-(2-fluoro-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenethyl)methane sulfonamide;

(313): 8-hydroxy-9-(4-(1-hydroxyethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(314): 9-(4-(1-(cyclopentylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(315):
9-(4-(1-(cyclopentylamino)ethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(316):
4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)benzenesulfonamide;

(317): 9-(5-(aminomethyl)furan-2-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(318):
9-(3-chloro-4-((methylamino)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(319): 9-(4-(2-aminopropan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(320): N-(3-hydroxypropyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(321): 2-fluoro-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)benzenesulfonamide;

(322): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(3-hydroxypropyl)benzenesulfonamide;

(323): N-(3-bromopropyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(324): 2-fluoro-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-methoxyethyl)benzenesulfonamide;

(325): 9-(3-chloro-4-((methylamino)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(326): 9-(4-(aminomethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinoline-8-carbonitrile;

(327): 9-(4-(2-(dimethylamino)ethyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(328): 9-(4-(aminomethyl)phenyl)-6,7-dichloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(329): 9-(4-(aminomethyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(330): 9-(4-(aminomethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl trifluoromethanesulfonate;

(331): 9-(4-(2-(dimethylamino)ethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(332): N-(2-chloroethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(333): N-(2-fluoroethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(334): 9-(4-(2-aminopropan-2-yl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(335): (S)-9-(4-(1-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(336): 9-(4-(1-aminopropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(337): 9-(4-(1-aminopropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(338): 9-(4-(1-(diethylamino)propyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(339): 9-(4-(1-(dimethylamino)propyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(340): 9-amino-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(341): 9-(4-(1-(dimethylamino)ethyl)phenyl)-6,7-difluoro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(342): 9-(4-(1-(dimethylamino)ethyl)phenyl)-6,7-difluoro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(343): N-cyclopropyl-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(344): N-cyclopropyl-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(345): 9-(2-amino-2,3-dihydro-1H-inden-5-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(346): 9-(4-(1-(dimethylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(347): (S)-N-(1-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethyl)methanesulfonamide;

(348): 9-(4-(1-(aminomethyl)cyclopropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(349): 9-(4-(1-(dimethylamino)ethyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(350): N-(1-(hydroxymethyl)cyclopentyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(351): 9-(2-(diethylamino)-2,3-dihydro-1H-inden-5-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(352): 9-(2-(dimethylamino)-2,3-dihydro-1H-inden-5-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(353): 8-hydroxy-9-(1,2,3,4-tetrahydroisoquinolin-7-yl)thieno[2,3-c]quinolin-4(5H)-one;

(354): 8-methoxy-9-(1,2,3,4-tetrahydroisoquinolin-7-yl)thieno[2,3-c]quinolin-4(5H)-one;

(355): 3-(3-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanenitrile;

(356): 9-(4-(1-(diethylamino)ethyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(357): 1-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)cyclopropanecarbonitrile;

(358): 9-(2-ethyl-1,2,3,4-tetrahydroisoquinolin-7-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(359): 9-(4-(1-aminoethyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(360): 3-(3-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanenitrile;

(361): 1-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)cyclopropanecarbonitrile;

(362): 9-(2-amino-2,3-dihydro-1H-inden-5-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(363): N-isopentyl-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(364): 9-(2-(dimethylamino)-2,3-dihydro-1H-inden-5-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(365): 9-(4-(1-(ethylamino)ethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(366): 6-chloro-9-(4-(1-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(367): 9-(4-(cyclopropanecarbonyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(368): 9-(4-(aminomethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinoline-8-carboxamide;

(369): 9-(2-aminoethyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(370): 8-hydroxy-9-(4-(2-hydroxyethylsulfonyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(371): 9-(4-(2-hydroxyethylsulfonyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(372): 9-(1-ethylindolin-5-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(373): 9-(4-(1-aminopropan-2-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(374): 8-hydroxy-9-(2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)thieno[2,3-c]quinolin-4(5H)-one;

(375): 9-(4-(1-aminoethyl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(376): 8-hydroxy-9-(1-methylindolin-5-yl)thieno[2,3-c]quinolin-4(5H)-one;

(377): 8-hydroxy-9-(indolin-5-yl)thieno[2,3-c]quinolin-4(5H)-one;

(378): 9-(indolin-5-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(379): 9-(4-(1-((dimethylamino)methyl)cyclopropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(380): 4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-propylbenzenesulfonamide;

(381): N-(cyclopropylmethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(382): N-(3,3-dimethylbutyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(383): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-isopentylbenzenesulfonamide;

(384): N-(3,3-dimethylbutyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(385): 9-(4-(1-(ethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(386): 3-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)-3-oxopropanenitrile;

(387): (E)-9-(2-ethoxyvinyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(388): N-(1-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethyl)acetamide;

(389): 4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(3,3,3-trifluoropropyl)benzenesulfonamide;

(390): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(1-(hydroxymethyl)cyclopentyl)benzenesulfonamide;

(391): N-(2,2-difluoroethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1031): 8-methoxy-9-(4-(1-methoxyethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1032): 9-(4-(1-aminoethyl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1033): 8-methoxy-9-(2-((piperidin-3-ylmethyl)amino)ethyl)thieno[2,3-c]quinolin-4(5H)-one;

(1034): 9-(2-(4-((dimethylamino)methyl)piperidin-1-yl)ethyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1035): tert-butyl 4-((2-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)ethyl)amino)piperidine-1-carboxylate;

(1036): 8-methoxy-9-(2-(piperidin-4-ylamino)ethyl)thieno[2,3-c]quinolin-4(5H)-one;

(1037): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(3,3,3-trifluoropropyl)benzenesulfonamide;

(1038): 3H-pyrrolo[2,3-c]quinolin-4(5H)-one;

(1039): 9-(4-(1-aminoethyl)phenyl)-6-cyclopropyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1040): 9-(4-(1-aminoethyl)phenyl)-8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinoline-6-carbonitrile;

(1041): 9-(4-(1-aminoethyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1042): 8-hydroxy-9-(2-(4-((methylamino)methyl)piperidin-1-yl)ethyl)thieno[2,3-c]quinolin-4(5H)-one;

(1043): 8-methoxy-9-(2-(4-((methylamino)methyl)piperidin-1-yl)ethyl)thieno[2,3-c]quinolin-4(5H)-one;

(1044): 9-(2-(4-((dimethylamino)methyl)piperidin-1-yl)ethyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1045): 9-(4-(1-hydroxypropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1046): (R)-8-methoxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1047): (R)-8-(4-(1-aminoethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1048): (R)-tert-butyl (1-(4-(4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl)phenyl)ethyl)carbamate;

(1049): 9-(4-(4-hydroxypiperidin-4-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1050): (R)-8-(4-(1-(dimethylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1051): 8-hydroxy-9-(4-(1,2,3,6-tetrahydropyridin-4-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1052): (R)-8-hydroxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1053): 8-hydroxy-9-(4-(1-hydroxypropyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1054): (R)-8-hydroxy-9-(4-(1-hydroxyethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1055): 8-hydroxy-9-(4-(4-hydroxypiperidin-4-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1056): (S)-8-hydroxy-9-(4-(1-hydroxyethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1057): N-(1-hydroxypropan-2-yl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1058): 9-(4-(hydroxy(thiazol-2-yl)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1059): 9-(6-(1-aminoethyl)pyridin-3-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1060): 9-(4-(4-hydroxybutyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1061): 2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)-2-methylpropanamide;

(1062): N-(1-bromopropan-2-yl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1063): 8-hydroxy-9-(4-(hydroxy(thiazol-2-yl)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1064): (S)-8-methoxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1065): 9-(6-(1-(diethylamino)ethyl)pyridin-3-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1066): 9-(4-(1-aminoethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1067): 9-(6-(1-aminoethyl)pyridin-3-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1068): 8-hydroxy-9-(4-(4-hydroxybutyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1069): 9-(4-(3-amino-1-hydroxypropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1070): 9-(6-(1-(dimethylamino)ethyl)pyridin-3-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1071): 9-(6-(1-(dimethylamino)ethyl)pyridin-3-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1072): 4-((4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-1H-pyrazol-1-yl)methyl)benzonitrile;

(1073): 8-aminothieno[2,3-c]quinolin-4(5H)-one;

(1074): 9-(4-((1H-pyrazol-1-yl)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1075): 9-(6-(1-aminoethyl)pyridin-3-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1076): 9-(4-(1-aminoethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl dimethylcarbamate;

(1077): 9-(4-(1-aminoethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl isopropyl carbonate;

(1078): 9-(4-((1H-imidazol-1-yl)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1079): N-(2-bromopropyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1080): (R)-9-(4-(1-aminoethyl)phenyl)-6,7-dichloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1081): (R)-9-(4-(1-aminoethyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1082): (S)-8-hydroxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1083): 9-(4-(1-aminoethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl diethylcarbamate;

(1084): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)-N-methylbenzenesulfonamide;

(1085): N-(2-hydroxyethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-methylbenzenesulfonamide;

(1086): 9-(4-((1H-pyrazol-1-yl)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1087): (S)-6-chloro-8-hydroxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1088): 9-(4-(1-aminopropyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1089): 9-(4-(1-aminoethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl morpholine-4-carboxylate;

(1090): N-(2-hydroxyethyl)-4-(8-methoxy-4-oxo-2,3,4,5-tetrahydro-1H-cyclopenta[c]quinolin-9-yl) benzenesulfonamide;

(1091): 8-bromothieno[2,3-c]quinolin-4(5H)-one;

(1092): 9-(4-(2-(dimethylamino)propyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1093): 9-(4-(2-aminopropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1094): N-(2-bromoethyl)-4-(8-hydroxy-4-oxo-2,3,4,5-tetrahydro-1H-cyclopenta[c]quinolin-9-yl)benzenesulfonamide;

(1095): 9-(4-(2-aminopropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1096): 8-methoxy-9-(1-(2-morpholinoethyl)-1H-pyrazol-4-yl)thieno[2,3-c]quinolin-4(5H)-one;

(1097): 9-(4-(2-(diethylamino)propyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1098): 9-(4-(1-aminoethyl)phenyl)-8-hydroxy-6-(hydroxymethyl)thieno[2,3-c]quinolin-4(5H)-one;

(1099): 9-(4-(1-aminoethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl acetate;

(1100): 9-(1-(1-(dimethylamino)propan-2-yl)-1H-pyrazol-4-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1101): 9-(4-((1H-imidazol-1-yl)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1102): 9-(4-(aminomethyl)phenyl)-8-(2-morpholinoethoxy)thieno[2,3-c]quinolin-4(5H)-one;

(1103): 8-hydroxy-9-(1-(2-morpholinoethyl)-1H-pyrazol-4-yl)thieno[2,3-c]quinolin-4(5H)-one;

(1104): N-(2-(1H-pyrazol-1-yl)ethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1105): 8-hydroxy-9-(4-(2,2,2-trifluoro-1-hydroxyethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1106): 9-(4-(2-aminopropyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1107): N-(2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)-2-methylpropyl) methanesulfonamide;

(1108): 9-(4-(2-(dimethylamino)propyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1109): 9-(4-(1-aminoethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1110): 9-(1-(1-(dimethylamino)propan-2-yl)-1H-pyrazol-4-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1111): 9-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1112): 9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1113): 8-methoxy-9-(4-(2,2,2-trifluoro-1-hydroxyethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1114): N-(2-bromoethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-methylbenzenesulfonamide;

(1115): N-(2-(1H-imidazol-1-yl)ethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1116): 9-(4-(1-(aminomethyl)cyclopropyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1117): 3-(4-(8-(2-(dimethylamino)ethoxy)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanenitrile;

(1118): (R)-9-(4-(1-aminopropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1119): N-(2-chloroethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-methylbenzenesulfonamide;

(1120): (S)-9-(4-(1-aminopropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1121): (S)-9-(4-(1-aminopropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1122): (R)-9-(4-(1-aminoethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1123): (R)-9-(4-(1-aminoethyl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1124): 9-(4-(1-aminoethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinoline-8-carbonitrile;

(1125): 9-(4-(1-aminoethyl)phenyl)-8-(hydroxymethyl)thieno[2,3-c]quinolin-4(5H)-one;

(1126): (R)-6-chloro-9-(4-(1-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1127): (S)-9-(4-(1-(ethylamino)propyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1128): (S)-9-(4-(1-(dimethylamino)propyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1129): 6-chloro-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1130): 9-(4-(1-aminoethyl)phenyl)-6-ethynyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1131): (R)-9-(4-(1-aminopropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1132): (R)-6-chloro-8-hydroxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1133): 9-(4-(2-aminoethyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1134): 9-(4-(1-aminoethyl)phenyl)-8-(difluoromethyl)thieno[2,3-c]quinolin-4(5H)-one;

(1135): (R)-6-bromo-8-hydroxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1136): 9-(4-(1-aminopropan-2-yl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1137): 9-(4-butylphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1138): 9-(4-butylphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1139): N-(2-chloroethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1140): 9-(4-((3-bromopyrrolidin-1-yl)sulfonyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1141): (S)-9-(4-(1-(methylsulfonamido)propyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl methanesulfonate;

(1142): 9-(4-(2-aminoethyl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1143): 9-(4-(3-(dimethylamino)-1-hydroxypropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1144): N-(2-bromoethyl)-4-(6-chloro-8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1145): N-(2-chloroethyl)-4-(8-hydroxy-4-oxo-2,3,4,5-tetrahydro-1H-cyclopenta[c]quinolin-9-yl)benzenesulfonamide;

(1146): N-(2-bromoethyl)-4-(5-ethyl-8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1147): (S)-8-methoxy-9-(4-(1-(methylamino)propyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1148): (S)-8-hydroxy-9-(4-(1-(methylamino)propyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1149): 9-(4-(1-aminoethyl)phenyl)-8-(((2-hydroxyethyl)amino)methyl)thieno[2,3-c]quinolin-4(5H)-one;

(1150): (R)-9-(4-(1-aminopropyl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1151): (R)-9-(4-(1-(dimethylamino)propyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1152): 8-hydroxy-9-(4-pentylphenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1153): 9-(4-(2-aminoacetyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1154): (S)-6-chloro-8-hydroxy-9-(4-(1-(methylamino)propyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1155): 8-hydroxy-9-(4-(2-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1156): 8-methoxy-9-(4-(2-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1157): (R)-9-(4-(1-aminopropyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1158): (R)-9-(4-(1-aminopropyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1159): (R)-9-(4-(1-aminopropyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1160): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1161): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1162): 2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)butanenitrile;

(1163): (S)-9-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1164): (S)-9-(4-(1-aminopropan-2-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1165): 6-chloro-8-hydroxy-9-(4-(2-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1166): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1167): 9-(4-(2-aminoethyl)-3,5-difluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1168): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1169): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1170): 6-chloro-8-methoxy-9-(4-(2-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1171): 9-(4-(2-aminoethyl)-3-chlorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1172): (S)-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1173): 6-bromo-8-methoxy-9-(4-(2-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1174):
9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1175):
(R)-9-(4-(1-aminopropyl)phenyl)-6-chloro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1176):
(R)-9-(4-(1-aminopropan-2-yl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one
;

(1177):
9-(4-(2-aminoethyl)-3,5-difluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1178):
9-(4-(2-(dimethylamino)ethyl)-3,5-difluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-
one;

(1179):
9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1180):
(S)-9-(4-(1-aminopropan-2-yl)phenyl)-6,7-dichloro-8-methoxythieno[2,3-c]quinolin-4(5H)-
one;

(1181):
(S)-9-(4-(1-aminopropan-2-yl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1182):
(S)-6-chloro-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-
4(5H)-one;

(1183):
6-bromo-8-hydroxy-9-(4-(2-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1185):
N-(2-hydroxyethyl)-4-(8-methoxy-5-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)b
enzenesulfonamide;

(1186): methyl
3-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanoate;

(1187):
(R)-8-hydroxy-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1188):
(R)-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-on
e;

(1189):
(R)-8-methoxy-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1190):
9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H
)-one;

(1191): 9-(4-(2-aminoethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1192): 9-(4-(2-aminoethyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1193):
9-(4-(1-(dimethylamino)propan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1194):
(S)-6-chloro-8-hydroxy-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1195):
(S)-6-chloro-9-(4-(1-(diethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1196):
(S)-8-methoxy-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1197):
(S)-8-hydroxy-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1198):
4-(8-hydroxy-5-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)benzenesulfonamide;

(1199):
N-(2-bromoethyl)-4-(8-hydroxy-5-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1200):
(R)-6-chloro-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1201):
(R)-9-(4-(1-aminopropan-2-yl)phenyl)-6-chloro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1202): 9-(4-(1-aminobutan-2-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1203):
9-(4-(2-aminopropan-2-yl)phenyl)-8-hydroxy-2-(phenylsulfonyl)thieno[2,3-c]quinolin-4(5H)-one;

(1204):
N-(1-chloropropan-2-yl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1205):
N-(1-chloropropan-2-yl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1206): 9-(4-(2-aminoethyl)-3-hydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1207): 9-(4-(2-aminoethyl)-3-methoxyphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1208):
9-(4-(2-aminoethyl)-2-chloro-5-methoxyphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1209):
9-(4-(3-(aminomethyl)pentan-3-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1210):
(R)-9-(4-(1-aminopropyl)phenyl)-8-hydroxy-5,6-dimethylthieno[2,3-c]quinolin-4(5H)-one;

(1211): 9-(4-(2-aminoethyl)-2-chloro-5-hydroxyphenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1212): 9-(4-(aminomethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1213): 9-(4-(2-aminoethyl)-3-fluorophenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1214): 9-(4-(2-aminoethyl)-3-fluorophenyl)-6-bromo-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1215): (S)-8-hydroxy-6-methyl-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1216): 9-(4-(2-aminoethyl)-3-fluorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1217): 9-(4-(2-aminoethyl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1218): 9-(4-(2-aminoethyl)-3-fluorophenyl)-6-chloro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1219): 9-(4-(2-aminoethyl)-3-fluorophenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1220): 9-(4-(2-aminoethyl)-3-fluorophenyl)-6-cyclopropyl-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1221): 9-(4-(2-aminoethyl)-3-fluorophenyl)-6-cyclopropyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1222): (S)-8-methoxy-6-methyl-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1223): (S)-9-(4-(1-aminopropan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1224): 9-(4-(2-aminoethyl)-2-bromo-5-hydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1225): (S)-9-(4-(1-aminoethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1226): 3-(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanenitrile;

(1227): 9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1228):
9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1229):
2-(2-fluoro-4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanenitrile;

(1230):
6-cyclopropyl-9-(4-(2-(dimethylamino)ethyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1231):
6-cyclopropyl-9-(4-(2-(dimethylamino)ethyl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1232):
(S)-9-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1233):
(S)-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1234):
9-(3-fluoro-4-(2-(methylamino)ethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1235):
9-(3-fluoro-4-(2-(methylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1236):
9-(4-(2-amino-1-cyclopentylethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1237):
9-(4-(2-amino-1,1-dicyclopentylethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1238):
3-(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanenitrile;

(1239):
9-(4-(2-amino-1-cyclopentylethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1240):
9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-6-cyclopropyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1241): 9-(4-(3-aminopropyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1242): 9-(4-(2-aminopropyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1243): 9-(4-(2-aminopropyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1244):
9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-6-cyclopropyl-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1245):
6-bromo-9-(3-fluoro-4-(2-(methylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1246):
6-bromo-9-(3-fluoro-4-(2-(methylamino)ethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1247):
9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1248):
9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-6-bromo-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1249):
(R)-9-(4-(1-aminopropan-2-yl)phenyl)-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinoline-8-carbonitrile;

(1250): (R)-9-(4-(1-aminoethyl)phenyl)-8-hydroxy-6-vinylthieno[2,3-c]quinolin-4(5H)-one;

(1251):
9-(4-(1-(aminomethyl)cyclopropyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1252):
9-(4-(1-amino-3-methylbutan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1253):
9-(4-(1-amino-3-methylbutan-2-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1254):
9-(4-(1-(aminomethyl)cyclopropyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1255): (R)-9-(4-(1-aminoethyl)phenyl)-6-ethyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1256):
(R)-9-(4-(1-aminoethyl)phenyl)-6-(difluoromethyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1257):
9-(3-fluoro-4-(2-(methylamino)ethyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1258):
9-(3-fluoro-4-(2-(methylamino)ethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1259):
6-bromo-9-(4-(1-(dimethylamino)-2-methylpropan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1260):
9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1261): 9-(4-(3-aminopropyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1262):
(R)-8-hydroxy-6-methyl-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1263): 9-(4-(2-aminoethyl)-3-chlorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1264): 9-(4-(2-aminoethyl)-3-chlorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1265): (R)-8-methoxy-6-methyl-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1266): 9-(4-(2-aminopropyl)phenyl)-6-ethyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1267): (R)-9-(4-(1-aminoethyl)phenyl)-6-butyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1268): 9-(4-(2-aminoethyl)-3-chlorophenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1269): 9-(4-(2-aminopropyl)phenyl)-6-ethyl-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1270): 2-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)-2-(oxetan-3-yl)acetonitrile;

(1271): 9-(4-(1-amino-2-methylpropan-2-yl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1272): (R)-6-ethyl-8-hydroxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1273): 9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1274): 9-(4-(1-amino-3-methylbutan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1275): 9-(4-(1-aminopropan-2-yl)-3-chlorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1276): 9-(4-(1-aminopropan-2-yl)-3-chlorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1277): 9-(4-(1-aminobutan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1278): 9-(4-(1-amino-2-methylpropan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1279): 9-(4-(1-aminopropan-2-yl)-3-chlorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1280): 9-(4-(1-aminopropan-2-yl)-3-chlorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1281): 9-(4-(2-amino-2-methylpropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1282): 9-(4-(2-amino-2-methylpropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1283): 9-(4-(1-amino-3-methylbutan-2-yl)-3-fluorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1284): 8-methoxy-6-methyl-9-(4-(3-methyl-1-(methylamino)butan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1285): 8-hydroxy-6-methyl-9-(4-(3-methyl-1-(methylamino)butan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1286): 9-(3-fluoro-4-(1-(methylamino)propan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1287): 9-(4-(1-amino-2-methylpropan-2-yl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1288): 9-(4-(1-amino-3-methylbutan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1289): 9-(4-(2-amino-2-methylpropyl)phenyl)-6-bromo-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1290): 9-(4-(1-(aminomethyl)cyclobutyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1291): 9-(4-(1-aminobutan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1292): 9-(4-(2-amino-2-methylpropyl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1293): 9-(3-fluoro-4-(1-(methylamino)propan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1294): 9-(3-fluoro-4-(3-methyl-1-(methylamino)butan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1295): 9-(4-(1-(dimethylamino)-3-methylbutan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1296): 9-(4-(1-(dimethylamino)-3-methylbutan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1297): 9-(4-(1-(aminomethyl)cyclobutyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1298):
(R)-8-methoxy-6-methyl-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1299):
9-(4-(1-(aminomethyl)cyclobutyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1300):
9-(4-(1-(aminomethyl)cyclobutyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1301): 8-methoxy-6-methyl-9-(4-(piperidin-3-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1302): 8-hydroxy-6-methyl-9-(4-(piperidin-3-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1303):
(S)-9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1304):
(S)-9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1305):
(R)-9-(4-(1-aminopropan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1306):
(R)-8-hydroxy-6-methyl-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1307):
(R)-8-hydroxy-6-methyl-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1308): 8-methoxy-3-methyl-3H-pyrrolo[2,3-c]quinolin-4(5H)-one;

(1309): 9-(4-(1-aminobutan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1310):
(S)-9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1311):
(R)-9-(4-(1-(dimethylamino)propan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1312):
9-(4-(1-aminobutan-2-yl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1313): 8-hydroxy-3-methyl-3H-pyrrolo[2,3-c]quinolin-4(5H)-one;

(1314): 9-amino-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1315):
(R)-9-(3-fluoro-4-(1-(methylamino)propan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1316):
(R)-9-(3-fluoro-4-(1-(methylamino)propan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1317):
(R)-9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1318):
(R)-9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1319):
(R)-9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1320):
9-((4-(2-aminoethyl)phenyl)amino)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1321):
9-(4-(1-(aminomethyl)cyclobutyl)phenyl)-6-chloro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1322):
(R)-1-(4-(1-aminopropan-2-yl)phenyl)-8-methoxy-3-methyl-3H-pyrrolo[2,3-c]quinolin-4(5H)-one;

(1323): 8-hydroxy-3-(hydroxymethyl)-3H-pyrrolo[2,3-c]quinolin-4(5H)-one;

(1324):
(R)-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1325):
9-((4-(aminomethyl)phenyl)amino)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1326):
9-((4-(aminomethyl)phenyl)amino)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1327):
9-((4-(1-aminopropan-2-yl)phenyl)amino)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1328):
9-((4-(1-aminopropan-2-yl)phenyl)amino)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1329):
9-(4-(2-aminopropan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1330):
9-(4-(2-aminopropan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1331):
9-(4-(3-(aminomethyl)pentan-3-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1332):
9-(4-((R)-1-aminopropan-2-yl)phenyl)-8-hydroxy-2-(1-hydroxyethyl)thieno[2,3-c]quinolin-4(5H)-one;

(1333):
9-(4-((R)-1-aminopropan-2-yl)phenyl)-2-(1-hydroxyethyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1334):
3-(4-((8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)amino)phenyl)propanenitrile;

(1335):
9-((3-(2-aminoethyl)phenyl)amino)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1336):
9-((4-(2-aminoethyl)phenyl)amino)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1337):
9-(4-(2-(ethylamino)propyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1338):
9-(4-(3-(aminomethyl)pentan-3-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1339):
9-(4-(3-(aminomethyl)pentan-3-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1340):
(R)-9-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxy-2,6-dimethylthieno[2,3-c]quinolin-4(5H)-one;

(1341):
(R)-9-(4-(1-aminopropan-2-yl)phenyl)-8-methoxy-2,6-dimethylthieno[2,3-c]quinolin-4(5H)-one;

(1342):
9-(4-((R)-1-aminopropan-2-yl)phenyl)-2-(1-hydroxyethyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1343):
2-((4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)amino)acetonitrile;

(1344):
(R)-9-(4-(1-aminobutan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1345):
9-(3-chloro-4-(2-(ethylamino)ethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1346):
9-(4-(3-((dimethylamino)methyl)pentan-3-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1347):
(R)-6-chloro-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1348):
9-(4-(2-(ethylamino)ethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1349):
9-(4-(2-(ethylamino)ethyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1350):
9-(4-(2-(ethyl(methyl)amino)propyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1351):
2-(hydroxy(piperidin-4-yl)methyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1352):
(R)-9-(4-(1-aminobutan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1353):
(R)-9-(4-(1-aminopropan-2-yl)phenyl)-2-chloro-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1354):
(R)-9-(4-(1-aminopropan-2-yl)phenyl)-2-chloro-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1355):
8-methoxy-6-methyl-9-(4-(2-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1356):
9-(4-(2-(ethyl(methyl)amino)ethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1357):
9-(4-(3-(aminomethyl)pentan-3-yl)phenyl)-6-chloro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1358):
9-(4-(3-((dimethylamino)methyl)pentan-3-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1359):
9-(6-(dimethylamino)pyridin-3-yl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1360):
(R)-9-(4-(1-(dimethylamino)butan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1361):
(R)-8-methoxy-6-methyl-9-(4-(1-(methylamino)butan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1362):
9-(4-(3-((diethylamino)methyl)pentan-3-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1363):
9-(3-chloro-4-(2-(ethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1364):
8-hydroxy-6-methyl-9-(4-(2-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1365):
(R)-9-(4-(1-(dimethylamino)butan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1366):
(R)-9-(4-(1-(ethyl(methyl)amino)butan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1367):
(R)-9-(4-(1-(diethylamino)butan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1368):
(R)-9-(4-(1-(ethyl(methyl)amino)butan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1369):
2-((4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)(methyl)amino)acetonitrile;

(1370):
2-((4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)(methyl)amino)acetonitrile;

(1371):
9-(3-chloro-4-(2-(ethyl(methyl)amino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1372):
9-(4-(1-((dimethylamino)methyl)cyclobutyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1373):
(R)-9-(4-(1-aminopropyl)phenyl)-6-bromo-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1374):
9-(6-(2-aminoethoxy)pyridin-3-yl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1375):
(R)-9-(4-(1-aminopropan-2-yl)phenyl)-2-fluoro-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1376):
9-(6-(2-aminoethoxy)pyridin-3-yl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1377):
9-(4-(1-amino-2,2,2-trifluoroethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1378):
9-(4-(1-amino-2,2,2-trifluoroethyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1379):
(R)-9-(4-(1-(ethyl(methyl)amino)propan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1380):
(R)-8-hydroxy-6-methyl-9-(4-(1-(methylamino)butan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1381):
9-(4-(1-amino-2,2,2-trifluoroethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1382):
(R)-1-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxy-3-methyl-3H-pyrrolo[2,3-c]quinolin-4(5H)-one;

(1383):
(R)-9-(4-(1-aminopropan-2-yl)phenyl)-2-fluoro-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1384):
9-(6-((2-aminoethyl)amino)pyridin-3-yl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1385):
9-(6-((2-aminoethyl)amino)pyridin-3-yl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1386):
(S)-6-chloro-9-(4-(1-(ethyl(methyl)amino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1387):
(S)-9-(4-(1-(dimethylamino)propan-2-yl)-3-fluorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1388):
(R)-9-(4-(1-(diethylamino)propan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1389):
9-(4-(1-amino-2,2,2-trifluoroethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1390):
9-(4-(1-amino-2,2,2-trifluoroethyl)phenyl)-6-bromo-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1391):
9-(4-(1-(aminomethyl)cyclopropyl)phenyl)-6-bromo-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1392):
(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(1393):
8-methoxy-6-methyl-9-(4-(2-(methylsulfinyl)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1394):
8-hydroxy-6-methyl-9-(4-((methylsulfonyl)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1395):
(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(1396):
9-(4-((2-aminoethyl)(methyl)amino)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1397):
(R)-N-(2-(2-fluoro-4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)methanesulfonamide;

(1398):
(R)-N-(2-(2-fluoro-4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)methanesulfonamide;

(1399): (S)-9-(4-(1-(dimethylamino)propan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1400): 9-(4-((2-aminoethyl)(methyl)amino)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1401): 9-(4-(1-(aminomethyl)cyclopropyl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1402): 2-(6-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-3-yl)acetonitrile;

(1403): 8-hydroxy-6-methyl-9-(4-(2-(methylsulfinyl)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1404): 8-methoxy-6-methyl-9-(4-((methylsulfonyl)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1405): 5-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)nicotinamide;

(1406): 2-(5-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-2-yl)propanenitrile;

(1407): 2-(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanamide;

(1408): 9-(6-(1-aminopropan-2-yl)pyridin-3-yl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1409): 2-(5-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-2-yl)-2-methylpropanenitrile;

(1410): 2-hydroxy-2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propane-1-sulfonamide;

(1411): N-(tert-butyl)-2-hydroxy-2-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propane-1-sulfonamide;

(1412): 2-(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanamide;

(1413): 2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propane-1-sulfonamide;

(1414): 9-(4-(2-amino-1-fluoroethyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1415):
9-(6-(1-aminopropan-2-yl)pyridin-3-yl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1416):
2-(5-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-2-yl)-2-methylpropanenitrile;

(1417):
2-(5-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-2-yl)-2-methylpropanenitrile;

(1418):
2-(5-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-2-yl)-2-methylpropanenitrile;

(1419):
2-(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propane-1-sulfonamide;

(1420):
9-(4-(2-amino-1-hydroxyethyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1421):
9-(6-(1-amino-2-methylpropan-2-yl)pyridin-3-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1422):
N-cyclopropyl-1-(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(1423):
2-(5-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-2-yl)propanenitrile;

(1424):
(R)-N-(2-(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)methanesulfonamide;

(1425):
N-ethyl-1-(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(1426):
9-(6-(1-aminopropan-2-yl)pyridin-3-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1427):
N-cyclopropyl-1-(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(1428):
1-(5-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-2-yl)cyclopropanecarbonitrile;

(1429):
N-ethyl-1-(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(1430):
1-(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethanesulfonamide;

(1431):
1-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethanesulfonamide;

(1432):
(R)-N-(2-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)methanesulfonamide;

(1433):
(R)-N-(2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)-N-methylmethanesulfonamide;

(1434):
(R)-N-(2-(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)methanesulfonamide;

(1435):
(R)-N-(2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)methanesulfonamide;

(1436):
(R)-N-(2-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)-N-methylmethanesulfonamide;

(1437):
(R)-N-(2-(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)-N-methylmethanesulfonamide;

(1438):
(R)-N-(2-(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)-N-methylmethanesulfonamide;

or a pharmaceutically acceptable salt thereof.

21. A pharmaceutical composition comprising at least one compound of claim 1 or 2 or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier.

22. The pharmaceutical composition of claim 21 which is available for preventing or treating a PBK dependent disease.

23. The pharmaceutical composition of claim 22, wherein the PBK dependent disease is cancer.

24. A PBK inhibitor comprising at least one compound of claim 1 or 2, or a pharmaceutically acceptable salt thereof.

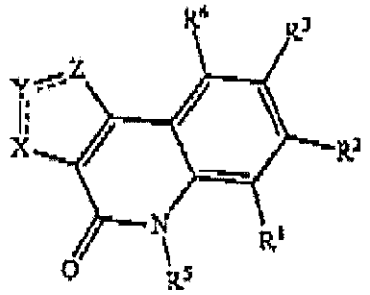
25. A method for treating a PBK dependent disease in a subject, comprising administering to said subject an effective amount of a compound or a pharmaceutically acceptable salt thereof of claim 1 or 2.

26. A compound or pharmaceutically acceptable salt thereof of claim 1 or 2 for use in treatment of a PBK dependent disease.

27. Use of a compound of claim 1 or 2 or a pharmaceutically acceptable salt thereof in manufacturing a pharmaceutical composition for treating a PBK dependent disease.

The invention claimed is:

1. A compound represented by general formula I:



I

or a pharmaceutically acceptable salt thereof,

wherein R^1, R^2, and R^3 are each independently a group selected from the group consisting of:

hydrogen,

hydroxyl,

halogen,

cyano,

nitro,

amino,

C_1-C_6 alkyl,

C_2-C_6 alkenyl,

C_2-C_6 alkynyl,

C_3-C_{10} cycloalkyl,

C_3-C_{10} cycloalkenyl,

C_1-C_6 alkoxy,

C_6-C_{10} aryl,

indanyl,

heteroaryl,

3- to 8-membered heterocycloalkyl,

—OSO_2CH_3,

—OSO_2CF_3,

—$CONH_2$,

—$OCONR^{101}R^{102}$, wherein R^{101} and R^{102} each independently is hydrogen, C_1-C_6 alkyl, or R^{101} and R^{102} taken together form morpholinyl,

—$OCOR^{103}$, wherein R^{103} represents C_1-C_6 alkyl, and

—$OCOOR^{104}$, wherein R^{104} represents C_1-C_6 alkyl,

wherein R^1, R^2, and R^3 are optionally substituted with a substituent independently selected from the group consisting of substituent A;

R^4 is selected from the group consisting of hydroxyl, halogen, amino, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_3-C_{10} cycloalkyl, C_3-C_{10} cycloalkenyl, C_1-C_6 alkoxy, C_6-C_{10} aryl, indanyl, heteroaryl, and 3- to 8-membered heterocycloalkyl, and R^4 is optionally substituted with substituent A;

wherein substituent A is independently selected from the group consisting of:

hydroxyl;
oxo (=O);
cyano;
halogen;
C_1-C_6 alkyl optionally substituted with substituent B;
C_3-C_{10} cycloalkyl optionally substituted with cyano or C_1-C_6 alkyl substituted with —$NR^{31}R^{32}$, wherein R^{31} and R^{32} each independently represent hydrogen or C_1-C_6 alkyl;
—$NR^{21}R^{22}$, wherein R^{21} and R^{22} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with hydroxyl, amino, di(C_1-C_6 alkyl)amino, —SO_2(C_1-C_6 alkyl), 3- to 8-membered heterocycloalkyl, or cyano; or a 3- to 8-membered heterocycloalkyl optionally substituted with —$COOR^{103}$ wherein R^{103} represents C_1-C_6 alkyl;
C_1-C_6 alkoxy optionally substituted with halogen, 3- to 8-membered heterocycloalkyl optionally substituted with C_1-C_6 alkyl, or —$NR^{33}R^{34}$ wherein R^{33} and R^{34} each independently represent hydrogen, C_1-C_6 alkylsulfonyl, or C_1-C_6 alkyl optionally substituted with C_1-C_6 alkylsulfonyl or di(C_1-C_6 alkyl)amino;
—$SO_2NR^{23}R^{24}$, wherein R^{23} and R^{24} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with hydroxyl, C_1-C_6 alkoxy, halogen, C_3-C_{10} cycloalkyl, heteroaryl, or —$NR^{35}R^{36}$ wherein R^{35} and R^{36} each independently represent hydrogen or C_1-C_6 alkyl; C_3-C_{10} cycloalkyl optionally substituted with C_1-C_6 hydroxyalkyl; 3- to 8-membered heterocycloalkyl; or R^{23} and R^{24} taken together form 3- to 8-membered heterocycloalkyl optionally substituted with amino or halogen;
C_1-C_6 alkylsulfonyl optionally substituted with hydroxyl;
—$NHSO_2$(C_1-C_6 alkyl), wherein the carbon atoms are optionally substituted with —$NR^{37}R^{38}$ wherein R^{37} and R^{38} each independently represent hydrogen or C_1-C_6 alkyl;
3- to 8-membered heterocycloalkyl optionally substituted with —$NR^{39}R^{40}$, wherein R^{39} and R^{40} each independently represent hydrogen, C_1-C_6 alkyl, or C_1-C_6 alkylsulfonyl; C_1-C_6 alkyl optionally substituted with —$NR^{41}R^{42}$, wherein R^{41} and R^{42} each independently represent hydrogen or C_1-C_6 alkyl; hydroxyl; or C_1-C_6 alkylsulfonyl;
aryl optionally substituted with C_1-C_6 alkyl optionally substituted with cyano or amino;
heteroaryl;

—$COOR^{11}$, wherein R^{11} represents hydrogen or C_1-C_6 alkyl; and

—COR^{12}, wherein R^{12} represents C_1-C_6 alkyl; C_3-C_{10} cycloalkyl; cyanomethyl; aminomethyl; —$NR^{25}R^{26}$ wherein R^{25} and R^{26} each independently represent hydrogen or C_1-C_6 alkyl optionally substituted with hydroxyl or —$NR^{43}R^{44}$, wherein R^{43} and R^{44} each independently represent hydrogen or C_1-C_6 alkyl; or 3- to 8-membered heterocycloalkyl optionally substituted with C_1-C_6 alkyl;

wherein substituent B is independently selected from the group consisting of:

halogen;

hydroxyl;

C_1-C_6 alkoxy;

cyano;

cycloalkyl;

C_6-C_{10} aryl optionally substituted with cyano;

heteroaryl;

3- to 8-membered heterocycloalkyl optionally substituted with C_1-C_6 alkyl, hydroxyl, amino, C_1-C_6 aminoalkyl, or C_1-C_6 alkyl substituted with C_2-C_7 alkyloxycarbonylamino;

—$NR^{51}R^{52}$, wherein R^{51} and R^{52} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with C_1-C_6 alkylsulfonyl or 3- to 8-membered heterocycloalkyl optionally substituted with —$COOR^{53}$ wherein R^{53} represents hydrogen or C_1-C_6 alkyl; 3- to 8-membered heterocycloalkyl; C_1-C_6 alkylsulfonyl; C_3-C_{10} cycloalkyl; —COR^{55} wherein R^{55} represents C_1-C_6 alkyl; —$COOR^{56}$ wherein R^{56} represents C_1-C_6 alkyl; or —$CONR^{57}R^{58}$ wherein R^{57} and R^{58} each independently represent hydrogen or C_1-C_6 alkyl;

—$COOR^{54}$, wherein R^{54} represents hydrogen or C_1-C_6 alkyl;

—$CONH_2$;

—$SO_2NR^{106}R^{107}$, wherein R^{106} and R^{107} each independently represent hydrogen, C_1-C_6 alkyl, or C_3-C_{10} cycloalkyl;

C_1-C_6 alkylsulfinyl; and

C_1-C_6 alkylsulfonyl;

wherein R^5 is hydrogen or C_1-C_6 alkyl; and

wherein

—X—Y—Z—

is the structure: —S—CR^7=CR^6—,

wherein R^6 is selected from the group consisting of:

hydrogen,

hydroxyl,

C_1-C_6 alkyl,

C_6-C_{10} aryl optionally substituted with hydroxyl, and

3- to 8-membered heterocycloalkyl optionally substituted with —$NR^{61}R^{62}$, wherein R^{61} and R^{62} each independently represent hydrogen or C_1-C_6 alkyl;

wherein R^7 is selected from the group consisting of:

hydrogen;

halogen; C_1-C_6 alkyl optionally substituted with hydroxyl, —$NR^{71}R^{72}$ wherein R^{71} and R^{72} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with dimethylamino; C_3-C_{10} cycloalkyl optionally substituted with amino or 3- to 8-membered heterocycloalkyl; or 3- to 8-membered heterocycloalkyl optionally substituted with C_1-C_6 aminoalkyl;

C_6-C_{10} aryl optionally substituted with hydroxyl;

C_6-C_{10} arylsulfonyl; and

—COR^{73}, wherein R^{73} represents 3- to 8-membered heterocycloalkyl optionally substituted with amino; or —$NR^{74}R^{75}$ wherein R^{74} and R^{75} each independently represent hydrogen, 3- to 8-membered heterocycloalkyl, or C_3-C_{10} cycloalkyl optionally substituted with amino.

2. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R^1 is hydrogen, cyano, C_1-C_6 alkyl optionally substituted with hydroxyl or halogen, C_3-C_{10} cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, or halogen.

3. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R^2 is hydrogen, hydroxyl, halogen, C_1-C_6 alkoxy, or C_6-C_{10} aryl optionally substituted with hydroxyl.

4. The compound of claim 1, or a pharmaceutically acceptable salt, wherein R^2 is hydrogen, hydroxyl, halogen, C_1-C_6 alkoxy, or dihydroxyphenyl.

5. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R^3 is selected from the group consisting of: hydrogen; hydroxyl; C_1-C_6 alkyl optionally substituted with hydroxyl, halogen, or hydroxyethylamino; halogen; C_1-C_6 alkoxy optionally substituted with dimethylamino or morpholinyl; C_1-C_6 alkylphenyl, wherein the aliphatic carbons are optionally substituted with $—NR^{51}R^{52}$; cyano; nitro; amino; 3- to 8-membered heterocycloalkyl optionally substituted with amino; heteroaryl; $—OSO_2CH_3$; $—OSO_2CF_3$; $—OCOR^{103}$, wherein R^{103} represents C_1-C_6 alkyl; $—OCOOR^{104}$ wherein R^{104} represents C_1-C_6 alkyl; $—OCONR^{101}R^{102}$ wherein R^{101} and R^{102} each independently represent hydrogen or C_1-C_6 alkyl, or R^{101} and R^{102} taken together form morpholinyl; and $—CONH_2$.

6. The compound of claim 5, or a pharmaceutically acceptable salt thereof, wherein when R^3 is a 3- to 8-membered heterocycloalkyl, the 3- to 8-membered heterocycloalkyl is selected from the group consisting of piperidyl, pyrrolidinyl, morpholinyl, or piperazinyl and optionally substituted with amino; and when R^3 is heteroaryl, the heteroaryl is pyridyl.

7. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein when R^4 is heteroaryl, the heteroaryl is selected from the group consisting of pyridyl, 1H-indazolyl, 1H-tetrazolyl, [1,2,4]triazolo[1,5-a]pyridyl, benzoimidazolyl, 2,3-dihydrobenzooxazolyl, pyrazolyl, pyrrolo[2,3-b]pyridyl, pyrimidinyl, indolinyl, furyl, thienyl, and tetrahydroisoquinolyl); and wherein the 3- to 8-membered heterocycloalkyl is selected from the group consisting of aziridinyl, azetidinyl, pyrrolidinyl, imidazolidinyl, piperidyl, piperazinyl, azepanyl, morpholinyl, and 1,2,3,6-tetrahydropyridyl; wherein each of the groups of R^4 is optionally substituted with substituent A-1;

wherein substituent A-1 is selected from the group consisting of:

hydroxyl;

oxo;

cyano;

halogen;

C_1-C_6 alkyl optionally substituted with a substituent selected from the group consisting of substituent B-1;

C_3-C_{10} cycloalkyl optionally substituted with cyano, or C_1-C_6 alkyl substituted with $—NR^{31}R^{32}$;

$—NR^{21A}R^{22A}$, wherein R^{21A} and R^{22A} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with amino, di(C_1-C_6 alkyl)amino, $—SO_2$

(C_1-C_6 alkyl), piperidyl, or cyano; or piperidyl optionally substituted with —$COOR^{105}$;

C_1-C_6 alkoxy optionally substituted with halogen; a 3- to 8-membered heterocycloalkyl selected from piperidyl and piperazinyl, either of which is optionally substituted with C_1-C_6 alkyl; or —$NR^{33}R^{34}$;

—$SO^2NR^{23A}R^{24A}$, wherein R^{23A} and R^{24A} each independently represent hydrogen, C_1-C_6 alkyl optionally substituted with hydroxyl, C_1-C_6 alkoxy, halogen, C_3-C_{10} cycloalkyl, pyrazolyl, imidazolyl, or —$NR^{35}R^{36}$; C_3-C_{10} cycloalkyl optionally substituted with C_1-C_6 hydroxyalkyl; azetidinyl; pyrrolidinyl, or R^{23A} and R^{24A} taken together form pyrrolidinyl optionally substituted with amino or halogen;

C_1-C_6 alkylsulfonyl optionally substituted with hydroxyl;

—$NHSO_2$(C_1-C_6 alkyl), wherein the carbon atoms are optionally substituted with —$NR^{37}R^{38}$;

3- to 8-membered heterocycloalkyl selected from the group consisting of azetidinyl, pyrrolidinyl, piperidyl, piperazinyl, and tetrahydropyridyl any of which is optionally substituted with —$NR^{39}R^{40}$; C_1-C_6 alkyl optionally substituted with —$NR^{41}R^{42}$; hydroxyl; or C_1-C_6 alkylsulfonyl;

1H-tetrazolyl;

aryl optionally substituted with C_1-C_6 alkyl, wherein C_1-C_6 is the aliphatic carbons are optionally substituted with cyano or amino;

—$COOR^{11}$; and

—COR^{12A}, wherein R^{12A} represents piperazinyl optionally substituted with C_1-C_6 alkyl; C_3-C_{10} cycloalkyl; cyanomethyl; aminomethyl; —$NR^{25}R^{26}$ wherein R^{25} and R^{26} each independently represent hydrogen or C_1-C_6 alkyl optionally substituted with hydroxyl or —$NR^{43}R^{44}$; or C_1-C_6 alkylsulfonyl;

wherein substituent B-1 is selected from the group consisting of:

halogen;

hydroxyl;

C_1-C_6 alkoxy;

cyano;

cycloalkyl;

phenyl optionally substituted with cyano;

heteroaryl selected from the group consisting of imidazolyl, pyrazolyl, and thiazolyl;

3- to 8-membered heterocycloalkyl selected from the group consisting of pyrrolidinyl, piperidyl, piperazinyl, morpholinyl, and oxetanyl any of which are optionally substituted with hydroxyl, amino, C_1-C_6 aminoalkyl, or C_1-C_6 alkyl optionally substituted with C_2-C_7 alkyloxycarbonylamino;

$—NR^{51A}R^{52A}$, wherein R^{51A} and R^{52A} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with C_1-C_6 alkylsulfonyl or piperidyl optionally substituted with $—COOR^{53}$; piperidyl; C_1-C_6 alkylsulfonyl; C_3-C_{10} cycloalkyl; $—COR^{55}$, $—COOR^{56}$, or $—CONR^{57}R^{58}$;

$—COOR^{54}$;

$—CONH_2$;

$—SO_2NR^{106}R^{107}$;

C_1-C_6 alkylsulfinyl; and

C_1-C_6 alkylysulfonyl.

8. The compound of claim 7, or a pharmaceutically acceptable salt thereof, wherein R^4 is a group selected from group (p):

wherein group (p) is independently selected from the group consisting of:

hydroxyl,

halogen,

amino optionally substituted with a substituent selected from the group consisting of substituent (g),

C_1-C_6 alkyl optionally substituted with a substituent selected from the group consisting of substituent (a),

C_2-C_6 alkenyl optionally substituted with a substituent selected from the group consisting of substituent (b),

C_3-C_{10} cycloalkyl,

C_3-C_{10} cycloalkenyl,

C_1-C_6 alkoxy,

C_6-C_{10} aryl optionally substituted with a substituent selected from the group consisting of substituent (c),

indanyl optionally substituted with a substituent selected from the group consisting of substituent (d),

heteroaryl selected from the group consisting of pyridyl, 1H-indazolyl, 1H-tetrazolyl, [1,2,4]triazolo[1,5-a] pyridyl, benzoimidazolyl, 2,3-dihydrobenzooxazolyl, pyrazolyl, pyrrolo[2,3-b]pyridyl, pyrimidinyl, indolinyl, furyl, thienyl, and tetrahydroisoquinolyl any of which is optionally substituted with a substituent selected from the group consisting of substituent (e); and

3- to 8-membered heterocycloalkyl selected from the group consisting of pyrrolidinyl, piperidyl, piperazinyl, morpholinyl, and 1,2,3,6-tetrahydropyridyl any of which is optionally substituted with a substituent selected from the group consisting of substituent (f);

wherein substituent (a) is selected from the group consisting of:

$NR^{21d}R^{22d}$, wherein R^{21d} and R^{22d} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with piperidyl; or piperidyl optionally substituted with —$COOR^{103}$;

3- to 8-membered heterocycloalkyl selected from the group consisting of pyrrolidinyl and piperidyl either of which is optionally substituted with C_1-C_6 alkyl optionally substituted with —$NR^{41}R^{42}$ or —$NR^{39}R^{40}$ wherein R^{39} and R^{40} each independently represent hydrogen or C_1-C_6 alkyl; and

—$NHSO_2$(C_1-C_6 alkyl);

wherein substituent (b) is selected from the group consisting of:

—$COOR^{11}$;

—$NR^{21a}R^{22a}$, wherein R^{21a} and R^{22a} each independently represent hydrogen, or C_1-C_6 alkyl optionally substituted with di(C_1-C_6 alkyl)amino or C_1-C_6 alkylsulfonyl;

3- to 8-membered heterocycloalkyl selected from the group consisting of azetidinyl, pyrrolidinyl, and piperidyl any of which are optionally substituted with —$NR^{39}R^{40}$, C_1-C_6 alkyl optionally substituted with —$NR^{41}R^{42}$, hydroxyl, or C_1-C_6 alkylsulfonyl;

cyano; and

C_1-C_6 alkoxy;

wherein substituent (c) is selected from the group consisting of:

hydroxyl;

cyano;

halogen;

C_1-C_6 alkyl optionally substituted with a substituent selected from the group consisting of substituent β-e below;

C_3-C_{10} cycloalkyl optionally substituted with cyano, or C_1-C_6 alkyl substituted with —$NR^{31}R^{32}$;

—$NR^{21c}R^{22c}$, wherein R^{21a} and R^{22a} each independently represent hydrogen or C_1-C_6 alkyl optionally substituted with amino or cyano;

C_1-C_6 alkoxy optionally substituted with halogen, 3- to 8-membered heterocycloalkyl selected from the group consisting of piperidyl and piperazinyl either of which are optionally substituted with C_1-C_6 alkyl, or —$NR^{33}R^{34}$;

—$SO_2NR^{23c}R^{24c}$, wherein R^{23c} and R^{24c} each independently represent hydrogen, C_1-C_6 alkyl optionally substituted with hydroxyl, C_1-C_6 alkoxy, halogen, C_3-C_{10} cycloalkyl, pyrazolyl, imidazolyl, or —$NR^{35}R^{36}$; C_3-C_{10}cycloalkyl optionally substituted with C_1-C_6 hydroxyalkyl; azetidinyl, pyrrolidinyl, or wherein R^{23c} and R^{24c} taken together form pyrrolidinyl which is optionally substituted with amino or halogen;

C_1-C_6 alkylsulfonyl optionally substituted with hydroxyl;

—$NHSO_2$(C_1-C_6 alkyl), wherein the carbon atoms are optionally substituted with —$NR^{37}R^{38}$;

piperazinyl optionally substituted with C_1-C_6 alkyl or C_1-C_6 alkylsulfonyl;

piperidyl optionally substituted with hydroxyl;

1H-tetrazolyl;

1,2,3,6-tetrahydropyridyl; and

—COR^{12c}, wherein R^{12c} represents piperazinyl which is optionally substituted with C_1-C_6 alkyl, C_3-C_{10} cycloalkyl, cyanomethyl, aminomethyl, —$NR^{25}R^{26}$, or C_1-C_6 alkyl; and

wherein substituent B-c is selected from the group consisting of:

halogen;

hydroxyl;

methoxy;

cyano;

C_3-C_{10} cycloalkyl;

3- to 8-membered heterocycloalkyl selected from the group consisting of pyrrolidinyl, piperidyl, piperazinyl, morpholinyl, and oxetanyl, any of which is optionally substituted with C_1-C_6 alkyl, hydroxyl, amino, C_1-C_6 aminoalkyl, or C_1-C_6 alkyl substituted with C_2-C_7 alkyloxycarbonylamino;

—$NR^{51c}R^{52c}$, wherein R^{51c} and R^{52c} each independently represent hydrogen; C_1-C_6 alkyl optionally substituted with C_1-C_6 alkylsulfonyl, or piperidyl optionally substituted with —$COOR^{53}$; piperidyl; C_1-C_6alkylsulfonyl; C_3-C_{10} cycloalkyl; —COR^{55}; or —$CONR^{57}R^{58}$;

heteroaryl selected from the group consisting of imidazolyl, pyrazolyl, and thiazolyl;

—$CONH_2$;

—$SO_2NR^{106}R^{107}$;

C_1-C_6 alkylsulfinyl; and

C_1-C_6 alkylsulfonyl;

wherein substituent (d) is selected from the group consisting of:

—$NR^{21d}R^{22d}$, wherein R^{21d} and R^{22d} each independently represent hydrogen or C_1-C_6 alkyl;

wherein substituent (e) is selected from the group consisting of:

hydroxyl;

oxo;

cyano;

C_3-C_{10} cycloalkyl optionally substituted with cyano;

—$NR^{21e}R^{22e}$, wherein R^{21e} and R^{22e} each independently represent hydrogen or C_1-C_6 alkyl optionally substituted with amino;

piperidyl;

C_1-C_6 alkoxy optionally substituted with —$NR^{33}R^{34}$;

C_1-C_6 alkyl optionally substituted with cyano; —$NR^{31e}R^{32e}$, wherein R^{31e} and R^{32e} each independently represent hydrogen, C_1-C_6 alkyl, or —$COOR^{56}$; morpholinyl; or cyanophenyl;

—$CONH_2$;

wherein substituent (f) is selected from the group consisting of:

C_1-C_6 alkyl optionally substituted with —$NR^{51f}R^{52f}$, wherein R^{51f} and R^{52f} each independently represent hydrogen, C_1-C_6 alkyl, or —$COOR^{56}$; and

C_1-C_6 alkylsulfonyl;

wherein substituent (g) is aryl optionally substituted with C_1-C_6 alkyl having the aliphatic carbons optionally substituted with cyano or amino.

9. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R^6 is hydrogen; hydroxyl; C_1-C_6 alkyl; phenyl optionally substituted with 1 to 3 hydroxyls; piperidyl optionally substituted with amino; or piperazinyl.

10. The compound of claim 9, or a pharmaceutically acceptable salt thereof, wherein R^7 is hydrogen; C_1-C_6 alkyl optionally substituted with hydroxyl or piperidyl; or halogen.

11. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R^7 is

hydrogen;

C_1-C_6 alkyl optionally substituted with hydroxyl; —$NR^{71A}R^{72A}$ wherein R^{71A} and R^{72A} each independently represent hydrogen, C_1-C_6 alkyl optionally substituted with dimethylamino, C_3-C_{10} cycloalkyl optionally substituted with amino, or piperidyl; or 3- to 8-membered heterocycloalkyl selected from the group consisting of piperidyl and morpholinyl either of which is optionally substituted with C_1-C_6 aminoalkyl;

phenyl optionally substituted with 1 to 2 hydroxyls;

phenylsulfonyl; or

—COR^{73A}, wherein R^{73A} represents piperidyl optionally substituted with amino, or —$NR^{74A}R^{75A}$, wherein R^{74A} and R^{75A} each independently represent hydrogen, piperidyl, or C_3-C_{10} cycloalkyl optionally substituted with amino.

12. A compound selected from the group consisting of:
(6): 7,9-dimethoxythieno[2,3-c]quinolin-4(5H)-one;
(7): 7,9-dihydroxythieno[2,3-c]quinolin-4(5H)-one;
(8): 7,8,9-trimethoxythieno[2,3-c]quinolin-4(5H)-one;
(10): 7,8,9-trihydroxythieno[2,3-c]quinolin-4(5H)-one;
(11): 9-(3-(2-aminoethyl)phenyl)-8-methoxythieno[2,3-c] quinolin-4(5H)-one;
(42): 9-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(43): 9-(3,4-dihydroxyphenyl)-8-hydroxythieno[2,3-c] quinolin-4(5H)-one;
(47): 9-(3,5-dihydroxyphenyl)-8-hydroxythieno[2,3-c] quinolin-4(5H)-one;
(48): 8-hydroxy-9-(3-hydroxyphenyl)thieno[2,3-c]quinolin-4(5H)-one;
(49): 8-hydroxy-9-(4-hydroxyphenyl)thieno[2,3-c]quinolin-4(5H)-one;
(50): 9-(3,4-difluorophenyl)-8-methoxythieno[2,3-c] quinolin-4(5H)-one;
(52): 5-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c] quinolin-9-yl)picolinonitrile;
(53): 9-(6-aminopyridin-3-yl)-8-hydroxythieno[2,3-c] quinolin-4(5H)-one;
(54): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzamide;
(55): 9-(3-fluoro-4-hydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(58): 9-(3,4-difluorophenyl)-8-hydroxythieno[2,3-c] quinolin-4(5H)-one;
(59): 9-(4-fluoro-3-hydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(60): 8-hydroxy-9-(3-hydroxy-5-(trifluoromethyl)phenyl) thieno[2,3-c]quinolin-4(5H)-one;
(61): 8-hydroxy-9-(1H-indazol-6-yl)thieno[2,3-c]quinolin-4(5H)-one;
(62): 8-hydroxy-9-(3,4,5-trihydroxyphenyl)thieno[2,3-c] quinolin-4(5H)-one;
(63): 9-(4-hydroxyphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(64): 9-(4-(1H-tetrazol-5-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(65): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(66): 9-(3-chloro-4-fluorophenyl)-8-hydroxythieno[2,3-c] quinolin-4(5H)-one;
(67): 9-(4-chloro-3-fluorophenyl)-8-hydroxythieno[2,3-c] quinolin-4(5H)-one;
(68): 9-(3,4-dichlorophenyl)-8-hydroxythieno[2,3-c] quinolin-4(5H)-one;

(69): 9-(4-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(70): 8-hydroxy-9-phenylthieno[2,3-c]quinolin-4(5H)-one;
(71): 9-(4-(difluoromethoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(72): 9-(4-(aminomethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(73): 9-(4-(aminomethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(74): 9-(3-aminophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(75): 3-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(76): 8-hydroxy-9-(3,4,5-trifluorophenyl)thieno[2,3-c]quinolin-4(5H)-one;
(77): N-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;
(78): 8-methoxy-9-phenylthieno[2,3-c]quinolin-4(5H)-one;
(79): 8-hydroxy-9-(naphthalen-2-yl)thieno[2,3-c]quinolin-4(5H)-one;
(80): 8-hydroxy-9-(4-(hydroxymethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(81): 2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)acetonitrile;
(82): 8-hydroxy-9-(4-(methylsulfonyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(83): 8-hydroxy-9-(pyridin-4-yl)thieno[2,3-c]quinolin-4(5H)-one;
(84): 8-hydroxy-9-(1,2,3,6-tetrahydropyridin-4-yl)thieno[2,3-c]quinolin-4(5H)-one;
(85): 8-hydroxy-9-(4-hydroxy-3-methoxyphenyl)thieno[2,3-c]quinolin-4(5H)-one;
(86): 9-(3-fluoro-4-(morpholinomethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(87): 9-(3-(aminomethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(88): 9-(4-(aminomethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(89): 9-(3-(difluoromethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(90): 9-(3-(aminomethyl)phenyl)-8-hydroxy-2-methylthieno[2,3-c]quinolin-4(5H)-one;
(91): 9-cyclohexenyl-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(92): 9-(3,5-difluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(93): 9-(4-(2-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(94): 9-(3-(aminomethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(95): 9-(4-(aminomethyl)phenyl)-8-hydroxy-2-methylthieno[2,3-c]quinolin-4(5H)-one;
(96): 9-cyclopropyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(97): 9-([1,2,4]triazolo[1,5-a]pyridin-6-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(98): 8-methoxy-9-(1,2,3,6-tetrahydropyridin-4-yl)thieno[2,3-c]quinolin-4(5H)-one;
(99): 9-cyclohexenyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(100): 8-methoxy-9-(4-(2-(piperidin-1-yl)ethylamino)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(101): 9-(4-(aminomethyl)phenyl)-8-hydroxy-2-(morpholinomethyl)thieno[2,3-c]quinolin-4(5H)-one;
(102): 9-(1H-benzo[d]imidazol-5-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(103): 9-(4-(difluoromethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(104): 9-(4-(aminomethyl)phenyl)-8-methoxy-2-(morpholinomethyl)thieno[2,3-c]quinolin-4(5H)-one;
(105): 8-hydroxy-9-(4-(2-(piperidin-1-yl)ethylamino)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(106): 8-hydroxy-9-(4-(piperazin-1-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(109): 5-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzo[d]oxazol-2(3H)-one;
(110): tert-butyl 4-(2-(hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzylamino)ethyl)piperidine-1-carboxylate;
(111): 8-methoxy-9-(4-(piperazin-1-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(112): 8-hydroxy-9-(4-(4-(methylsulfonyl)piperazin-1-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(113): 8-hydroxy-9-(4-((piperidin-3-ylamino)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(114): N-(2-(dimethylamino)ethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzamide;
(115): 9-(4-(3-(dimethylamino)propoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(116): 8-methoxy-9-(1-(piperidin-4-yl)-1H-pyrazol-4-yl)thieno[2,3-c]quinolin-4(5H)-one;
(117): 8-hydroxy-9-(1-(piperidin-4-yl)-1H-pyrazol-4-yl)thieno[2,3-c]quinolin-4(5H)-one;
(120): N-(2-(dimethylamino)ethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzamide;
(122): (E)-butyl 3-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)acrylate;
(123): 8-methoxy-9-(1H-pyrrolo[2,3-b]pyridin-5-yl)thieno[2,3-c]quinolin-4(5H)-one;
(124): 8-hydroxy-9-(1H-pyrrolo[2,3-b]pyridin-5-yl)thieno[2,3-c]quinolin-4(5H)-one;
(125): N-(methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenethyl)acetamide;

(126): N-(2-aminoethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzamide;
(127): N-(2-aminoethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzamide;
(128): N-(hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenethyl)acetamide;
(130): 8-hydroxy-9-(4-(4-methylpiperazine-1-carbonyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(131): 8-methoxy-9-(4-(4-methylpiperazine-1-carbonyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(132): 8-hydroxy-9-(4-((4-methylpiperazin-1-yl)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(133): 8-methoxy-9-(4-((4-methylpiperazin-1-yl)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(134): (E)-9-(3-(diethylamino)prop-1-enyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(135): (E)-9-(3-(4-(aminomethyl)piperidin-1-yl)prop-1-enyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(136): (E)-9-(3-(2-(diethylamino)ethylamino)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(138): 9-(2-(dimethylamino)pyrimidin-5-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(139): tert-butyl (1-(methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzyl)piperidin-4-yl)methylcarbamate;
(140): 8-hydroxy-9-(4-(4-methylpiperazin-1-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(141): 8-methoxy-9-(4-(4-methylpiperazin-1-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(142): 8-methoxy-9-(1-(methylsulfonyl)-1,2,3,6-tetrahydropyridin-4-yl)thieno[2,3-c]quinolin-4(5H)-one;
(143): (E)-9-(3-(diethylamino)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(144): 9-(3-(4-(aminomethyl)piperidin-1-yl)propyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(145): 9-(4-(3-(2-(diethylamino)ethylamino)propoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(146): 9-(4-(3-(diethylamino)propoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(147): 9-(4-(3-(2-(diethylamino)ethylamino)propoxy)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(148): (E)-9-(3-(4-(aminomethyl)piperidin-1-yl)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4 (5H)-one;
(149): 9-(4-(3-(dimethylamino)propoxy)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(150): 8-hydroxy-9-(4-(2-(piperidin-1-yl)ethoxy)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(151): 9-(4-(2-(ethylamino)ethoxy)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(152): (E)-9-(3-(4-aminopiperidin-1-yl)prop-1-enyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(153): 9-(1-(2-aminoethyl)-1,2,3,6-tetrahydropyridin-4-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(154): 9-(4-(2-(ethylamino)ethoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(155): 9-(4-(2-(diethylamino)ethoxy)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(156): 9-(4-(2-(diethylamino)ethoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(157): 9-(4-(2-(dimethylamino)ethoxy)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(158): 9-(4-(2-(dimethylamino)ethoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(159): 8-methoxy-9-(4-(2-(piperidin-1-yl)ethoxy)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(160): 8-methoxy-9-(3-(2-(4-methylpiperazin-1-yl)ethoxy)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(161): 9-(3-(2-(diethylamino)ethoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(162): 9-(3-(3-(diethylamino)propoxy)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(163): 9-(4-(2-(dimethylamino)ethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(164): 9-(4-((dimethylamino)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(165): 9-(4-((dimethylamino)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(166): 9-(3-(2-(diethylamino)ethoxy)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(167): 8-hydroxy-9-(3-(2-(4-methylpiperazin-1-yl)ethoxy)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(168): N-ethyl-N-(2-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenylmethoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenoxy)ethyl) methanesulfonamide;
(169): 9-(4-(2-aminoethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(170): 2-(3-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)acetonitrile;
(171): 2-(3-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)acetonitrile;
(172): 9-(1-(2-(dimethylamino)ethyl)-1,2,3,6-tetrahydropyridin-4-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(173): N-(hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenethyl)methanesulfonamide;
(174): 9-(1-(2-(diethylamino)ethyl)-1,2,3,6-tetrahydropyridin-4-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(175): 9-(4-(2-aminoethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(176): 9-(4-(2-aminoethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(177): N-(methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenethyl)methanesulfonamide;
(178): N-(methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenethyl)methanesulfonamide;
(179): N-(2-aminoethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(183): 9-(4-((diethylamino)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(184): 9-(4-((diethylamino)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(185): 9-(3-(2-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(186): 9-(3-(2-aminoethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(187): 8-hydroxy-9-(4-((methylamino)methyl)phenyl) thieno[2,3-c]quinolin-4(5H)-one;
(188): 8-methoxy-9-(4-((methylamino)methyl)phenyl) thieno[2,3-c]quinolin-4(5H)-one;
(189): 9-(4-amino-3-methoxyphenyl)-8-methoxythieno [2,3-c]quinolin-4(5H)-one;
(190): 3-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c] quinolin-9-yl)benzonitrile;
(191): 9-(4-(1-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(192): 9-(4-(1-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(193): N-(1-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethyl)methanesulfonamide;
(194): 8-hydroxy-9-(4-(1-(pyrrolidin-1-yl)ethyl)phenyl) thieno[2,3-c]quinolin-4(5H)-one;
(195): 9-(4-(1-aminoethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(196): 9-(4-(1-(diethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(197): N-(2-aminoethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(198): N-(2-(dimethylamino)ethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(199): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c] quinolin-9-yl)-N-(pyrrolidin-3-yl)benzenesulfonamide;
(200): N-(azetidin-3-yl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(201): 9-(4-(2-(diethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(202): 2-amino-N-(3-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethanesulfonamide;
(203): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c] quinolin-9-yl)benzonitrile;

(204): 4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzonitrile;

(205): (E)-9-(3-(3-aminopyrrolidin-1-yl)prop-1-enyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(206): N-(2-hydroxyethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(207): 8-methoxy-9-(5-methoxypyridin-3-yl)thieno[2,3-c]quinolin-4(5H)-one;

(209): 9-(4-(3-aminopyrrolidin-1-ylsulfonyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(210): N-(2-bromoethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(211): 9-(4-((diisopropylamino)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(212): N-(hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzyl)methanesulfonamide;

(213): 9-(4-((isopropylamino)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(214): 2-(dimethylamino)-N-(3-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethanesulfonamide;

(215): 2-amino-N-(3-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethanesulfonamido;

(216): 8-methoxy-9-(4-(1-(pyrrolidin-1-yl)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(217): 9-(4-amino-3-hydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(218): N-(2-methoxy-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(219): 9-(3,5-difluoro-4-hydroxyphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(220): N-(2-hydroxy-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(221): 9-(4-((4-(aminomethyl)piperidin-1-yl)methyl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(222): 9-(4-(2-(dimethylamino)ethyl)phenyl)-6-fluoro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(223): 9-(3,5-difluoro-4-hydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(224): 6-fluoro-8-methoxy-9-(1,2,3,6-tetrahydropyridin-4-yl)thieno[2,3-c]quinolin-4(5H)-one;

(225): 9-(4-(1-(dimethylamino)ethyl)phenyl)-6-fluoro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(226): 9-(4-((diethylamino)methyl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(227): (E)-9-(3-(3-hydroxypyrrolidin-1-yl)prop-1-enyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(228): (E)-8-hydroxy-9-(3-(3-hydroxypyrrolidin-1-yl)prop-1-enyl)thieno[2,3-c]quinolin-4(5H)-one;
(229): 8-hydroxy-9-(4-((isopropylamino)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(230): (E)-9-(3-(3-aminoazetidin-1-yl)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(231): (E)-8-methoxy-9-(3-(2-(methylsulfonyl)ethylamino)prop-1-enyl)thieno[2,3-c]quinolin-4(5H)-one;
(232): (S)-9-(4-(1-aminoethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(233): (S)-9-(4-(1-aminoethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(235): 9-(4-((4-(aminomethyl)piperidin-1-yl)methyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(236): 8-methoxy-9-(4-(1-(2-(methylsulfonyl)ethylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(237): 9-(4-((3-aminopyrrolidin-1-yl)methyl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(238): (E)-9-(3-(3-aminoazetidin-1-yl)prop-1-enyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(239): (E)-9-(3-(ethylamino)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(240): 9-(4-((3-aminopiperidin-1-yl)methyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(241): 9-(4-((3-aminopyrrolidin-1-yl)methyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(242): 9-(4-((3-aminopiperidin-1-yl)methyl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(243): 8-hydroxy-9-(4-(1-(2-(methylsulfonyl)ethylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(244): (E)-9-(3-(3-aminopiperidin-1-yl)prop-1-enyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(245): (E)-9-(3-(3-aminopyrrolidin-1-yl)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(246): (E)-9-(3-(3-aminopiperidin-1-yl)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(247): (E)-8-hydroxy-9-(3-(2-(methylsulfonyl)ethylamino)prop-1-enyl)thieno[2,3-c]quinolin-4(5H)-one;
(248): 8-methoxy-9-(4-(2-(2-(methylsulfonyl)ethylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(249): 2-(2-fluoro-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)acetonitrile;
(250): (E)-N-(1-(3-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)allyl)azetidin-3-yl)methanesulfonamide;
(251): 4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N,N-dimethylbenzenesulfonamide;

(252): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-methylbenzenesulfonamide;
(253): tert-butyl (5-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)furan-2-yl)methylcarbamate;
(254): N-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-2-methylphenyl)methanesulfonamide;
(255): N-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-2-methylphenyl)methanesulfonamide;
(256): 9-(4-(aminomethyl)phenyl)-6-fluoro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(257): 9-(4-(aminomethyl)phenyl)-6-fluoro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(258): 6-fluoro-8-hydroxy-9-(1,2,3,6-tetrahydropyridin-4-yl)thieno[2,3-c]quinolin-4(5H)-one;
(259): 9-(4-((diethylamino)methyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(260): 8-methoxy-9-(4-(1-(piperidin-1-yl)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(261): 2-(2-fluoro-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)acetonitrile;
(262): 8-hydroxy-9-(4-(1-(piperidin-1-yl)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(263): (E)-9-(3-(3-(dimethylamino)piperidin-1-yl)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(264): (E)-9-(3-(3-(dimethylamino)pyrrolidin-1-yl)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(265): 9-(4-(2-aminoethyl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(266): 9-(5-(aminomethyl)thiophen-2-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(267): 9-(4-((ethylamino)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(268): (E)-9-(3-(4-aminopiperidin-1-yl)prop-1-enyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(269): 9-(4-((ethylamino)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(270): 9-(4-(aminomethyl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(271): 9-(3-chloro-4-((diethylamino)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(272): (R)-9-(4-(1-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(273): 9-(4-(3-aminopropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(274): (R)-9-(4-(1-aminoethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(275): (R)-9-(4-(1-aminoethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(276): 9-(4-(2-aminoethyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(277): 9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(278): 9-(3-fluoro-4-((3-hydroxypyrrolidin-1-yl)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(279): 9-(3-fluoro-4-((3-hydroxypyrrolidin-1-yl)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(280): 4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2,2,2-trifluoroethyl)benzenesulfonamide;

(281): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2,2,2-trifluoroethyl)benzenesulfonamide;

(282): N-(2-(dimethylamino)ethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(283): 8-hydroxy-9-(4-((2-(methylsulfonyl)ethylamino)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(284): 9-(3-(3-(dimethylamino)pyrrolidin-1-yl)propyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(285): 9-(1-(2-aminoethyl)-1H-pyrazol-4-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(286): 9-(3-chloro-4-((diethylamino)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(287): 4-(7-fluoro-8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)benzenesulfonamide;

(288): 9-(3-acetylphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(289): 2-fluoro-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)benzamide;

(290): 3-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanenitrile;

(291): 9-(4-acetylphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(292): 2-fluoro-N-(2-hydroxyethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzamide;

(293): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)benzamide;

(294): 1,1-diethyl-3-(hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzyl)urea;

(295): N-(2-hydroxyethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzamide;

(296): 9-(4-acetylphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(297): N-(2-bromoethyl)-2-fluoro-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(298): 9-(3-(3-(dimethylamino)piperidin-1-yl)propyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(299): N-(2-fluoro-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenethyl)methanesulfonamide;

(300): 9-(3-fluoro-4-(2-(methylsulfonamido)ethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl methanesulfonate;

(301): (R)—N-(1-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethyl)methanesulfonamide;

(302): (R)-9-(4-(1-(methylsulfonamido)ethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl methanesulfonate;

(303): 2-fluoro-N-(2-hydroxyethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(304): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N,N-dimethylbenzenesulfonamide;

(305): 9-(4-(2-(dimethylamino)ethyl)phenyl)-7-fluoro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(306): N-(2-bromoethyl)-4-(7-fluoro-8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(307): 4-(7-fluoro-8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)benzenesulfonamide;

(308): 9-(4-(1-(dimethylamino)-2-methylpropan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(309): N-(2-chloro-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzyl)-N-methylmethanesulfonamide;

(310): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-methoxyethyl)benzenesulfonamide;

(311): (E)-3-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-2-methylacrylonitrile;

(312): N-(2-fluoro-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenethyemethanesulfonamide;

(313): 8-hydroxy-9-(4-(1-hydroxyethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(314): 9-(4-(1-(cyclopentylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(315): 9-(4-(1-(cyclopentylamino)ethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(316): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)benzenesulfonamide;

(317): 9-(5-(aminomethyl)furan-2-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(318): 9-(3-chloro-4-((methylamino)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(319): 9-(4-(2-aminopropan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(320): N-(3-hydroxypropyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(321): 2-fluoro-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)benzenesulfonamide;

(322): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(3-hydroxypropyl)benzenesulfonamide;

(323): N-(3-bromopropyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(324): 2-fluoro-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-methoxyethyl)benzenesulfonamide;

(325): 9-(3-chloro-4-((methylamino)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(326): 9-(4-(aminomethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinoline-8-carbonitrile;

(327): 9-(4-(2-(dimethylamino)ethyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(328): 9-(4-(aminomethyl)phenyl)-6,7-dichloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(329): 9-(4-(aminomethyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(330): 9-(4-(aminomethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl trifluoromethanesulfonate;

(331): 9-(4-(2-(dimethylamino)ethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(332): N-(2-chloroethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(333): N-(2-fluoroethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(334): 9-(4-(2-aminopropan-2-yl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(335): (S)-9-(4-(1-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(336): 9-(4-(1-aminopropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(337): 9-(4-(1-aminopropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(338): 9-(4-(1-(diethylamino)propyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(339): 9-(4-(1-(dimethylamino)propyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(340): 9-amino-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(341): 9-(4-(1-(dimethylamino)ethyl)phenyl)-6,7-difluoro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(342): 9-(4-(1-(dimethylamino)ethyl)phenyl)-6,7-difluoro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(343): N-cyclopropyl-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(344): N-cyclopropyl-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(345): 9-(2-amino-2,3-dihydro-1H-inden-5-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(346): 9-(4-(1-(dimethylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(347): (S)—N-(1-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethyl)methanesulfonamide;

(348): 9-(4-(1-(aminomethyl)cyclopropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(349): 9-(4-(1-(dimethylamino)ethyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(350): N-(1-(hydroxymethyl)cyclopentyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(351): 9-(2-(diethylamino)-2,3-dihydro-1H-inden-5-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(352): 9-(2-(dimethylamino)-2,3-dihydro-1H-inden-5-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(353): 8-hydroxy-9-(1,2,3,4-tetrahydroisoquinolin-7-yl)thieno[2,3-c]quinolin-4(5H)-one;

(354): 8-methoxy-9-(1,2,3,4-tetrahydroisoquinolin-7-yl)thieno[2,3-c]quinolin-4(5H)-one;

(355): 3-(3-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanenitrile;

(356): 9-(4-(1-(diethylamino)ethyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(357): 1-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)cyclopropanecarbonitrile;

(358): 9-(2-ethyl-1,2,3,4-tetrahydroisoquinolin-7-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(359): 9-(4-(1-aminoethyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(360): 3-(3-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanenitrile;

(361): 1-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)cyclopropanecarbonitrile;

(362): 9-(2-amino-2,3-dihydro-1H-inden-5-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(363): N-isopentyl-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(364): 9-(2-(dimethylamino)-2,3-dihydro-1H-inden-5-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(365): 9-(4-(1-(ethylamino)ethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(366): 6-chloro-9-(4-(1-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(367): 9-(4-(cyclopropanecarbonyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(368): 9-(4-(aminomethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinoline-8-carboxamide;
(369): 9-(2-aminoethyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(370): 8-hydroxy-9-(4-(2-hydroxyethylsulfonyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(371): 9-(4-(2-hydroxyethylsulfonyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(372): 9-(1-ethylindolin-5-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(373): 9-(4-(1-aminopropan-2-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(374): 8-hydroxy-9-(2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)thieno[2,3-c]quinolin-4(5H)-one;
(375): 9-(4-(1-aminoethyl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(376): 8-hydroxy-9-(1-methylindolin-5-yl)thieno[2,3-c]quinolin-4(5H)-one;
(377): 8-hydroxy-9-(indolin-5-yl)thieno[2,3-c]quinolin-4(5H)-one;
(378): 9-(indolin-5-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(379): 9-(4-(1-((dimethylamino)methyl)cyclopropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(380): 4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-propylbenzenesulfonamide;
(381): N-(cyclopropylmethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(382): N-(3,3-dimethylbutyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(383): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-isopentylbenzenesulfonamide;
(384): N-(3,3-dimethylbutyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(385): 9-(4-(1-(ethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(386): 3-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)-3-oxopropanenitrile;
(387): (E)-9-(2-ethoxyvinyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(388): N-(1-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethyl)acetamide;
(389): 4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(3,3,3-trifluoropropyl)benzenesulfonamide;
(390): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(1-(hydroxymethyl)cyclopentyl)benzenesulfonamide;
(391): N-(2,2-difluoroethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1031): 8-methoxy-9-(4-(1-methoxyethyl)phenyl)thieno [2,3-c]quinolin-4(5H)-one;
(1032): 9-(4-(1-aminoethyl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1033): 8-methoxy-9-(2-((piperidin-3-ylmethyl)amino) ethyl)thieno[2,3-c]quinolin-4(5H)-one;
(1034): 9-(2-(4-((dimethylamino)methyl)piperidin-1-yl) ethyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1035): tert-butyl 4-((2-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)ethyl)amino)piperidine-1-carboxylate;
(1036): 8-methoxy-9-(2-(piperidin-4-ylamino)ethyl) thieno[2,3-c]quinolin-4(5H)-one;
(1037): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c] quinolin-9-yl)-N-(3,3,3-trifluoropropyl)benzenesulfonamide;
(1039): 9-(4-(1-aminoethyl)phenyl)-6-cyclopropyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1040): 9-(4-(1-aminoethyl)phenyl)-8-hydroxy-4-oxo-4, 5-dihydrothieno[2,3-c]quinoline-6-carbonitrile;
(1041): 9-(4-(1-aminoethyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1042): 8-hydroxy-9-(2-(4-((methylamino)methyl)piperidin-1-yl)ethyl)thieno[2,3-c]quinolin-4(5H)-one;
(1043): 8-methoxy-9-(2-(4-((methylamino)methyl)piperidin-1-yl)ethyl)thieno[2,3-c]quinolin-4(5H)-one;
(1044): 9-(2-(4-((dimethylamino)methyl)piperidin-1-yl) ethyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1045): 9-(4-(1-hydroxypropyl)phenyl)-8-methoxythieno [2,3-c]quinolin-4(5H)-one;
(1046): (R)-8-methoxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1049): 9-(4-(4-hydroxypiperidin-4-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1051): 8-hydroxy-9-(4-(1,2,3,6-tetrahydropyridin-4-yl) phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1052): (R)-8-hydroxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1053): 8-hydroxy-9-(4-(1-hydroxypropyl)phenyl)thieno [2,3-c]quinolin-4(5H)-one;
(1054): (R)-8-hydroxy-9-(4-(1-hydroxyethyl)phenyl) thieno[2,3-c]quinolin-4(5H)-one;
(1055): 8-hydroxy-9-(4-(4-hydroxypiperidin-4-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1056): (S)-8-hydroxy-9-(4-(1-hydroxyethyl)phenyl) thieno[2,3-c]quinolin-4(5H)-one;
(1057): N-(1-hydroxypropan-2-yl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(1058): 9-(4-(hydroxy(thiazol-2-yl)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1059): 9-(6-(1-aminoethyl)pyridin-3-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1060): 9-(4-(4-hydroxybutyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1061): 2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)-2-methylpropanamide;
(1062): N-(1-bromopropan-2-yl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(1063): 8-hydroxy-9-(4-(hydroxy(thiazol-2-yl)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1064): (S)-8-methoxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1065): 9-(6-(1-(diethylamino)ethyl)pyridin-3-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1066): 9-(4-(1-aminoethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1067): 9-(6-(1-aminoethyl)pyridin-3-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1068): 8-hydroxy-9-(4-(4-hydroxybutyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1069): 9-(4-(3-amino-1-hydroxypropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1070): 9-(6-(1-(dimethylamino)ethyl)pyridin-3-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1071): 9-(6-(1-(dimethylamino)ethyl)pyridin-3-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1072): 4-((4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-1H-pyrazol-1-yl)methyl)benzonitrile;
(1074): 9-(4-((1H-pyrazol-1-yl)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1075): 9-(6-(1-aminoethyl)pyridin-3-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1076): 9-(4-(1-aminoethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl dimethylcarbamate;
(1077): 9-(4-(1-aminoethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl isopropyl carbonate;
(1078): 9-(4-((1H-imidazol-1-yl)methyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1079): N-(2-bromopropyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(1080): (R)-9-(4-(1-aminoethyl)phenyl)-6,7-dichloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1081): (R)-9-(4-(1-aminoethyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1082): (S)-8-hydroxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1083): 9-(4-(1-aminoethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl diethylcarbamate;
(1084): 4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)-N-methylbenzenesulfonamide;
(1085): N-(2-hydroxyethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-methylbenzenesulfonamide;

(1086): 9-(4-((1H-pyrazol-1-yl)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1087): (S)-6-chloro-8-hydroxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1088): 9-(4-(1-aminopropyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1089): 9-(4-(1-aminoethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl morpholine-4-carboxylate;
(1091): 8-bromothieno[2,3-c]quinolin-4(5H)-one;
(1092): 9-(4-(2-(dimethylamino)propyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1093): 9-(4-(2-aminopropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1095): 9-(4-(2-aminopropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1096): 8-methoxy-9-(1-(2-morpholinoethyl)-1H-pyrazol-4-yl)thieno[2,3-c]quinolin-4(5H)-one;
(1097): 9-(4-(2-(diethylamino)propyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1098): 9-(4-(1-aminoethyl)phenyl)-8-hydroxy-6-(hydroxymethyl)thieno[2,3-c]quinolin-4(5H)-one;
(1099): 9-(4-(1-aminoethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl acetate;
(1100): 9-(1-(1-(dimethylamino)propan-2-yl)-1H-pyrazol-4-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1101): 9-(4-((1H-imidazol-1-yl)methyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1102): 9-(4-(aminomethyl)phenyl)-8-(2-morpholinoethoxy)thieno[2,3-c]quinolin-4(5H)-one;
(1103): 8-hydroxy-9-(1-(2-morpholinoethyl)-1H-pyrazol-4-yl)thieno[2,3-c]quinolin-4(5H)-one;
(1104): N-(2-(1H-pyrazol-1-yl)ethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(1105): 8-hydroxy-9-(4-(2,2,2-trifluoro-1-hydroxyethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1106): 9-(4-(2-aminopropyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1107): N-(2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)-2-methylpropyl)methanesulfonamide;
(1108): 9-(4-(2-(dimethylamino)propyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1109): 9-(4-(1-aminoethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1110): 9-(1-(1-(dimethylamino)propan-2-yl)-1H-pyrazol-4-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1111): 9-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1112): 9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1113): 8-methoxy-9-(4-(2,2,2-trifluoro-1-hydroxyethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1114): N-(2-bromoethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-methylbenzenesulfonamide;

(1115): N-(2-(1H-imidazol-1-yl)ethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1116): 9-(4-(1-(aminomethyl)cyclopropyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1117): 3-(4-(8-(2-(dimethylamino)ethoxy)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanenitrile;

(1118): (R)-9-(4-(1-aminopropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1119): N-(2-chloroethyl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-methylbenzenesulfonamide;

(1120): (S)-9-(4-(1-aminopropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1121): (S)-9-(4-(1-aminopropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1122): (R)-9-(4-(1-aminoethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1123): (R)-9-(4-(1-aminoethyl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1124): 9-(4-(1-aminoethyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinoline-8-carbonitrile;

(1125): 9-(4-(1-aminoethyl)phenyl)-8-(hydroxymethyl)thieno[2,3-c]quinolin-4(5H)-one;

(1126): (R)-6-chloro-9-(4-(1-(dimethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1127): (S)-9-(4-(1-(ethylamino)propyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1128): (S)-9-(4-(1-(dimethylamino)propyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1129): 6-chloro-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1130): 9-(4-(1-aminoethyl)phenyl)-6-ethynyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1131): (R)-9-(4-(1-aminopropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1132): (R)-6-chloro-8-hydroxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1133): 9-(4-(2-aminoethyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1134): 9-(4-(1-aminoethyl)phenyl)-8-(difluoromethyl)thieno[2,3-c]quinolin-4(5H)-one;

(1135): (R)-6-bromo-8-hydroxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1136): 9-(4-(1-aminopropan-2-yl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1137): 9-(4-butylphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1138): 9-(4-butylphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1139): N-(2-chloroethyl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1140): 9-(4-((3-bromopyrrolidin-1-yl)sulfonyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1141): (S)-9-(4-(1-(methylsulfonamido)propyl)phenyl)-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-8-yl methanesulfonate;

(1142): 9-(4-(2-aminoethyl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1143): 9-(4-(3-(dimethylamino)-1-hydroxypropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1144): N-(2-bromoethyl)-4-(6-chloro-8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1146): N-(2-bromoethyl)-4-(5-ethyl-8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;

(1147): (S)-8-methoxy-9-(4-(1-(methylamino)propyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1148): (S)-8-hydroxy-9-(4-(1-(methylamino)propyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1149): 9-(4-(1-aminoethyl)phenyl)-8-(((2-hydroxyethyl)amino)methyl)thieno[2,3-c]quinolin-4(5H)-one;

(1150): (R)-9-(4-(1-aminopropyl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1151): (R)-9-(4-(1-(dimethylamino)propyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1152): 8-hydroxy-9-(4-pentylphenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1153): 9-(4-(2-aminoacetyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1154): (S)-6-chloro-8-hydroxy-9-(4-(1-(methylamino)propyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1155): 8-hydroxy-9-(4-(2-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1156): 8-methoxy-9-(4-(2-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1157): (R)-9-(4-(1-aminopropyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1158): (R)-9-(4-(1-aminopropyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1159): (R)-9-(4-(1-aminopropyl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1160): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1161): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1162): 2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)butanenitrile;

(1163): (S)-9-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1164): (S)-9-(4-(1-aminopropan-2-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1165): 6-chloro-8-hydroxy-9-(4-(2-(methylamino)ethyl) phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1166): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1167): 9-(4-(2-aminoethyl)-3,5-difluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1168): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1169): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1170): 6-chloro-8-methoxy-9-(4-(2-(methylamino)ethyl) phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1171): 9-(4-(2-aminoethyl)-3-chlorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1172): (S)-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1173): 6-bromo-8-methoxy-9-(4-(2-(methylamino)ethyl) phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1174): 9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1175): (R)-9-(4-(1-aminopropyl)phenyl)-6-chloro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1176): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1177): 9-(4-(2-aminoethyl)-3,5-difluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1178): 9-(4-(2-(dimethylamino)ethyl)-3,5-difluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1179): 9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1180): (S)-9-(4-(1-aminopropan-2-yl)phenyl)-6,7-dichloro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1181): (S)-9-(4-(1-aminopropan-2-yl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1182): (S)-6-chloro-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1183): 6-bromo-8-hydroxy-9-(4-(2-(methylamino)ethyl) phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1185): N-(2-hydroxyethyl)-4-(8-methoxy-5-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(1186): methyl 3-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno [2,3-c]quinolin-9-yl)phenyl)propanoate;
(1187): (R)-8-hydroxy-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1188): (R)-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1189): (R)-8-methoxy-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1190): 9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1191): 9-(4-(2-aminoethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1192): 9-(4-(2-aminoethyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1193): 9-(4-(1-(dimethylamino)propan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1194): (S)-6-chloro-8-hydroxy-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1195): (S)-6-chloro-9-(4-(1-(diethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1196): (S)-8-methoxy-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1197): (S)-8-hydroxy-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1198): 4-(8-hydroxy-5-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)-N-(2-hydroxyethyl)benzenesulfonamide;
(1199): N-(2-bromoethyl)-4-(8-hydroxy-5-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(1200): (R)-6-chloro-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1201): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-6-chloro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1202): 9-(4-(1-aminobutan-2-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1203): 9-(4-(2-aminopropan-2-yl)phenyl)-8-hydroxy-2-(phenylsulfonyl)thieno[2,3-c]quinolin-4(5H)-one;
(1204): N-(1-chloropropan-2-yl)-4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(1205): N-(1-chloropropan-2-yl)-4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)benzenesulfonamide;
(1206): 9-(4-(2-aminoethyl)-3-hydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1207): 9-(4-(2-aminoethyl)-3-methoxyphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1208): 9-(4-(2-aminoethyl)-2-chloro-5-methoxyphenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1209): 9-(4-(3-(aminomethyl)pentan-3-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1210): (R)-9-(4-(1-aminopropyl)phenyl)-8-hydroxy-5,6-dimethylthieno[2,3-c]quinolin-4(5H)-one;
(1211): 9-(4-(2-aminoethyl)-2-chloro-5-hydroxyphenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1212): 9-(4-(aminomethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1213): 9-(4-(2-aminoethyl)-3-fluorophenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1214): 9-(4-(2-aminoethyl)-3-fluorophenyl)-6-bromo-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1215): (S)-8-hydroxy-6-methyl-9-(4-(1-(methylamino) propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1216): 9-(4-(2-aminoethyl)-3-fluorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1217): 9-(4-(2-aminoethyl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1218): 9-(4-(2-aminoethyl)-3-fluorophenyl)-6-chloro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1219): 9-(4-(2-aminoethyl)-3-fluorophenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1220): 9-(4-(2-aminoethyl)-3-fluorophenyl)-6-cyclopropyl-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1221): 9-(4-(2-aminoethyl)-3-fluorophenyl)-6-cyclopropyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1222): (S)-8-methoxy-6-methyl-9-(4-(1-(methylamino) propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1223): (S)-9-(4-(1-aminopropan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1224): 9-(4-(2-aminoethyl)-2-bromo-5-hydroxyphenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1225): (S)-9-(4-(1-aminoethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1226): 3-(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanenitrile;
(1227): 9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1228): 9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1229): 2-(2-fluoro-4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanenitrile;
(1230): 6-cyclopropyl-9-(4-(2-(dimethylamino)ethyl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1231): 6-cyclopropyl-9-(4-(2-(dimethylamino)ethyl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1232): (S)-9-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1233): (S)-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1234): 9-(3-fluoro-4-(2-(methylamino)ethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1235): 9-(3-fluoro-4-(2-(methylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1236): 9-(4-(2-amino-1-cyclopentylethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1237): 9-(4-(2-amino-1,1-dicyclopentylethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1238): 3-(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanenitrile;

(1239): 9-(4-(2-amino-1-cyclopentylethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1240): 9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-6-cyclopropyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1241): 9-(4-(3-aminopropyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1242): 9-(4-(2-aminopropyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1243): 9-(4-(2-aminopropyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1244): 9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-6-cyclopropyl-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1245): 6-bromo-9-(3-fluoro-4-(2-(methylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1246): 6-bromo-9-(3-fluoro-4-(2-(methylamino)ethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1247): 9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1248): 9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-6-bromo-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1249): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinoline-8-carbonitrile;

(1250): (R)-9-(4-(1-aminoethyl)phenyl)-8-hydroxy-6-vinylthieno[2,3-c]quinolin-4(5H)-one;

(1251): 9-(4-(1-(aminomethyl)cyclopropyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1252): 9-(4-(1-amino-3-methylbutan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1253): 9-(4-(1-amino-3-methylbutan-2-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1254): 9-(4-(1-(aminomethyl)cyclopropyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1255): (R)-9-(4-(1-aminoethyl)phenyl)-6-ethyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1256): (R)-9-(4-(1-aminoethyl)phenyl)-6-(difluoromethyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1257): 9-(3-fluoro-4-(2-(methylamino)ethyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1258): 9-(3-fluoro-4-(2-(methylamino)ethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1259): 6-bromo-9-(4-(1-(dimethylamino)-2-methylpropan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1260): 9-(4-(1-amino-2-methylpropan-2-yl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1261): 9-(4-(3-aminopropyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1262): (R)-8-hydroxy-6-methyl-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1263): 9-(4-(2-aminoethyl)-3-chlorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1264): 9-(4-(2-aminoethyl)-3-chlorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1265): (R)-8-methoxy-6-methyl-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1266): 9-(4-(2-aminopropyl)phenyl)-6-ethyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1267): (R)-9-(4-(1-aminoethyl)phenyl)-6-butyl-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1268): 9-(4-(2-aminoethyl)-3-chlorophenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1269): 9-(4-(2-aminopropyl)phenyl)-6-ethyl-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1270): 2-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)-2-(oxetan-3-yl)acetonitrile;

(1271): 9-(4-(1-amino-2-methylpropan-2-yl)-3-fluorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1272): (R)-6-ethyl-8-hydroxy-9-(4-(1-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1273): 9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1274): 9-(4-(1-amino-3-methylbutan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1275): 9-(4-(1-aminopropan-2-yl)-3-chlorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1276): 9-(4-(1-aminopropan-2-yl)-3-chlorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1277): 9-(4-(1-aminobutan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1278): 9-(4-(1-amino-2-methylpropan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1279): 9-(4-(1-aminopropan-2-yl)-3-chlorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1280): 9-(4-(1-aminopropan-2-yl)-3-chlorophenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1281): 9-(4-(2-amino-2-methylpropyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1282): 9-(4-(2-amino-2-methylpropyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1283): 9-(4-(1-amino-3-methylbutan-2-yl)-3-fluorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1284): 8-methoxy-6-methyl-9-(4-(3-methyl-1-(methylamino)butan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1285): 8-hydroxy-6-methyl-9-(4-(3-methyl-1-(methylamino)butan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1286): 9-(3-fluoro-4-(1-(methylamino)propan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1287): 9-(4-(1-amino-2-methylpropan-2-yl)-3-fluorophenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1288): 9-(4-(1-amino-3-methylbutan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1289): 9-(4-(2-amino-2-methylpropyl)phenyl)-6-bromo-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1290): 9-(4-(1-(aminomethyl)cyclobutyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1291): 9-(4-(1-aminobutan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1292): 9-(4-(2-amino-2-methylpropyl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1293): 9-(3-fluoro-4-(1-(methylamino)propan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1294): 9-(3-fluoro-4-(3-methyl-1-(methylamino)butan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1295): 9-(4-(1-(dimethylamino)-3-methylbutan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1296): 9-(4-(1-(dimethylamino)-3-methylbutan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1297): 9-(4-(1-(aminomethyl)cyclobutyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1298): (R)-8-methoxy-6-methyl-9-(4-(1-(methylamino)propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1299): 9-(4-(1-(aminomethyl)cyclobutyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1300): 9-(4-(1-(aminomethyl)cyclobutyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1301): 8-methoxy-6-methyl-9-(4-(piperidin-3-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1302): 8-hydroxy-6-methyl-9-(4-(piperidin-3-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1303): (S)-9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1304): (S)-9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1305): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1306): (R)-8-hydroxy-6-methyl-9-(4-(1-(methylamino) propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1307): (R)-8-hydroxy-6-methyl-9-(4-(1-(methylamino) propan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1309): 9-(4-(1-aminobutan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1310): (S)-9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1311): (R)-9-(4-(1-(dimethylamino)propan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1312): 9-(4-(1-aminobutan-2-yl)phenyl)-6-chloro-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1314): 9-amino-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1315): (R)-9-(3-fluoro-4-(1-(methylamino)propan-2-yl) phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1316): (R)-9-(3-fluoro-4-(1-(methylamino)propan-2-yl) phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1317): (R)-9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1318): (R)-9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1319): (R)-9-(4-(1-aminopropan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1320): 9-((4-(2-aminoethyl)phenyl)amino)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1321): 9-(4-(1-(aminomethyl)cyclobutyl)phenyl)-6-chloro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1324): (R)-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1325): 9-((4-(aminomethyl)phenyl)amino)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1326): 9-((4-(aminomethyl)phenyl)amino)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1327): 9-((4-(1-aminopropan-2-yl)phenyl)amino)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1328): 9-((4-(1-aminopropan-2-yl)phenyl)amino)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1329): 9-(4-(2-aminopropan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1330): 9-(4-(2-aminopropan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1331): 9-(4-(3-(aminomethyl)pentan-3-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1332): 9-(4-((R)-1-aminopropan-2-yl)phenyl)-8-hydroxy-2-(1-hydroxyethyl)thieno[2,3-c]quinolin-4(5H)-one;
(1333): 9-(4-((R)-1-aminopropan-2-yephenyl)-2-(1-hydroxyethyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1334): 3-(4-((8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)amino)phenyl)propanenitrile;
(1335): 9-((3-(2-aminoethyl)phenyl)amino)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1336): 9-((4-(2-aminoethyl)phenyl)amino)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1337): 9-(4-(2-(ethylamino)propyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1338): 9-(4-(3-(aminomethyl)pentan-3-yl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1339): 9-(4-(3-(aminomethyl)pentan-3-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1340): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-8-hydroxy-2,6-dimethylthieno[2,3-c]quinolin-4(5H)-one;
(1341): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-8-methoxy-2,6-dimethylthieno[2,3-c]quinolin-4(5H)-one;
(1342): 9-(4-((R)-1-aminopropan-2-yl)phenyl)-2-(1-hydroxyethyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1343): 2-((4(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)amino)acetonitrile;
(1344): (R)-9-(4-(1-aminobutan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1345): 9-(3-chloro-4-(2-(ethylamino)ethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1346): 9-(4-(3-((dimethylamino)methyl)pentan-3-yl) phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4 (5H)-one;
(1347): (R)-6-chloro-9-(4-(1-(dimethylamino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1348): 9-(4-(2-(ethylamino)ethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1349): 9-(4-(2-(ethylamino)ethyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1350): 9-(4-(2-(ethyl(methyl)amino)propyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1351): 2-(hydroxy(piperidin-4-yl)methyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1352): (R)-9-(4-(1-aminobutan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1353): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-2-chloro-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1354): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-2-chloro-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1355): 8-methoxy-6-methyl-9-(4-(2-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1356): 9-(4-(2-(ethyl(methyl)amino)ethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1357): 9-(4-(3-(aminomethyl)pentan-3-yl)phenyl)-6-chloro-8-methoxythieno[2,3-c]quinolin-4(5H)-one;
(1358): 9-(4-(3-((dimethylamino)methyl)pentan-3-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1359): 9-(6-(dimethylamino)pyridin-3-yl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1360): (R)-9-(4-(1-(dimethylamino)butan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1361): (R)-8-methoxy-6-methyl-9-(4-(1-(methylamino)butan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1362): 9-(4-(3-((diethylamino)methyl)pentan-3-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1363): 9-(3-chloro-4-(2-(ethylamino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;
(1364): 8-hydroxy-6-methyl-9-(4-(2-(methylamino)ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;
(1365): (R)-9-(4-(1-(dimethylamino)butan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1366): (R)-9-(4-(1-(ethyl(methyl)amino)butan-2-yl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1367): (R)-9-(4-(1-(diethylamino)butan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1368): (R)-9-(4-(1-(ethyl(methyl)amino)butan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;
(1369): 2-((4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)(methyl)amino)acetonitrile;

(1370): 2-((4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)(methyl)amino) acetonitrile;

(1371): 9-(3-chloro-4-(2-(ethyl(methyl)amino)ethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1372): 9-(4-(1-((dimethylamino)methyl)cyclobutyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1373): (R)-9-(4-(1-aminopropyl)phenyl)-6-bromo-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1374): 9-(6-(2-aminoethoxy)pyridin-3-yl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1375): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-2-fluoro-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1376): 9-(6-(2-aminoethoxy)pyridin-3-yl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1377): 9-(4-(1-amino-2,2,2-trifluoroethyl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1378): 9-(4-(1-amino-2,2,2-trifluoroethyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1379): (R)-9-(4-(1-(ethyl(methyl)amino)propan-2-yl) phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4 (5H)-one;

(1380): (R)-8-hydroxy-6-methyl-9-(4-(1-(methylamino) butan-2-yl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1381): 9-(4-(1-amino-2,2,2-trifluoroethyl)phenyl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1383): (R)-9-(4-(1-aminopropan-2-yl)phenyl)-2-fluoro-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1384): 9-(6-((2-aminoethyl)amino)pyridin-3-yl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1385): 9-(6-((2-aminoethyl)amino)pyridin-3-yl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1386): (S)-6-chloro-9-(4-(1-(ethyl(methyl)amino)propan-2-yl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4 (5H)-one;

(1387): (S)-9-(4-(1-(dimethylamino)propan-2-yl)-3-fluorophenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4 (5H)-one;

(1388): (R)-9-(4-(1-(diethylamino)propan-2-yl)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1389): 9-(4-(1-amino-2,2,2-trifluoroethyl)phenyl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1390): 9-(4-(1-amino-2,2,2-trifluoroethyl)phenyl)-6-bromo-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1391): 9-(4-(1-(aminomethyl)cyclopropyl)phenyl)-6-bromo-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1392): (4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno [2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(1393): 8-methoxy-6-methyl-9-(4-(2-(methylsulfinyl) ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1394): 8-hydroxy-6-methyl-9-(4-((methylsulfonyl)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1395): (4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(1396): 9-(4-((2-aminoethyl)(methyl)amino)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1397): (R)—N-(2-(2-fluoro-4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl) propyl)methanesulfonamide;

(1398): (R)—N-(2-(2-fluoro-4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl) propyl)methanesulfonamide;

(1399): (S)-9-(4-(1-(dimethylamino)propan-2-yl)-3-fluorophenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4 (5H)-one;

(1400): 9-(4-((2-aminoethyl)(methyl)amino)phenyl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1401): 9-(4-(1-(aminomethyl)cyclopropyl)phenyl)-6-bromo-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1402): 2-(6-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-3-yl)acetonitrile;

(1403): 8-hydroxy-6-methyl-9-(4-(2-(methylsulfinyl) ethyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1404): 8-methoxy-6-methyl-9-(4-((methylsulfonyl)methyl)phenyl)thieno[2,3-c]quinolin-4(5H)-one;

(1405): 5-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno [2,3-c]quinolin-9-yl)nicotinamide;

(1406): 2-(5-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c] quinolin-9-yl)pyridin-2-yl)propanenitrile;

(1407): 2-(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanamide;

(1408): 9-(6-(1-aminopropan-2-yl)pyridin-3-yl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1409): 2-(5-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-2-yl)-2-methylpropanenitrile;

(1410): 2-hydroxy-2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propane-1-sulfonamide;

(1411): N-(tert-butyl)-2-hydroxy-2-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl) propane-1-sulfonamide;

(1412): 2-(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propanamide;

(1413): 2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propane-1-sulfonamide;

(1414): 9-(4-(2-amino-1-fluoroethyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1415): 9-(6-(1-aminopropan-2-yl)pyridin-3-yl)-8-hydroxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1416): 2-(5-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-2-yl)-2-methylpropanenitrile;

(1417): 2-(5-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-2-yl)-2-methylpropanenitrile;

(1418): 2-(5-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-2-yl)-2-methylpropanenitrile;

(1419): 2-(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propane-1-sulfonamide;

(1420): 9-(4-(2-amino-1-hydroxyethyl)phenyl)-8-methoxy-6-methylthieno[2,3-c]quinolin-4(5H)-one;

(1421): 9-(6-(1-amino-2-methylpropan-2-yl)pyridin-3-yl)-8-hydroxythieno[2,3-c]quinolin-4(5H)-one;

(1422): N-cyclopropyl-1-(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(1423): 2-(5-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-2-yl)propanenitrile;

(1424): (R)—N-(2-(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl) methanesulfonamide;

(1425): N-ethyl-1-(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(1426): 9-(6-(1-aminopropan-2-yl)pyridin-3-yl)-8-methoxythieno[2,3-c]quinolin-4(5H)-one;

(1427): N-cyclopropyl-1-(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(1428): 1-(5-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)pyridin-2-yl)cyclopropanecarbonitrile;

(1429): N-ethyl-1-(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)methanesulfonamide;

(1430): 1-(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethanesulfonamide;

(1431): 1-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)ethanesulfonamide;

(1432): (R)—N-(2-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)methanesulfonamide;

(1433): (R)—N-(2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)-N-methylmethanesulfonamide;

(1434): (R)—N-(2-(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)methanesulfonamide;

(1435): (R)—N-(2-(4-(8-hydroxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)methanesulfonamide;

(1436): (R)—N-(2-(4-(8-methoxy-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)-N-methylmethanesulfonamide;

(1437): (R)—N-(2-(4-(8-hydroxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)-N-methylmethanesulfonamide;

(1438): (R)—N-(2-(4-(8-methoxy-6-methyl-4-oxo-4,5-dihydrothieno[2,3-c]quinolin-9-yl)phenyl)propyl)-N-methylmethanesulfonamide;

or a pharmaceutically acceptable salt thereof.

13. A pharmaceutical composition comprising at least one compound of claim 1 or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier.