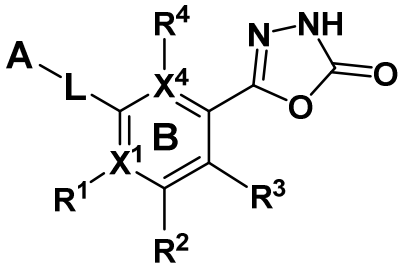
CLAIMS

1. A 1,3,4-oxadiazolone compound of the formula [1]:

[Chem. 1]



[1]

wherein

X^1 is a carbon atom or a nitrogen atom,

when X^1 is a carbon atom, R^1 is a hydrogen atom, a halogen atom, alkyl, alkenyl, a non-aromatic carbocyclic group, dihaloalkyl, trihaloalkyl, alkoxy, dihaloalkoxy, trihaloalkoxy, alkylsulfonyl, cyano, an aromatic carbocyclic group, or an aromatic heterocyclic group,

when X^1 is a nitrogen atom, R^1 does not exist,

R^2 is a hydrogen atom, a halogen atom, alkyl, a non-aromatic carbocyclic group, trihaloalkyl, pentafluorosulfanyl (SF_5), cyano, amino, or nitro,

R^1 and R^2 optionally combine with adjacent atoms to form an indazole ring,

R^3 is a hydrogen atom, a halogen atom, or alkyl,

X^4 is a carbon atom or a nitrogen atom,

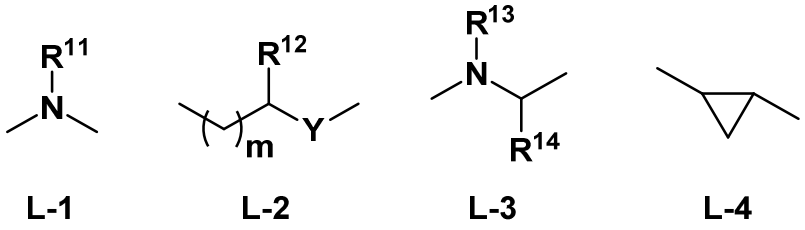
when X^4 is a carbon atom, R^4 is a hydrogen atom, a halogen atom, or alkyl

when X^4 is a nitrogen atom, R^4 does not exist,

both X^1 and X^4 are not nitrogen atoms at the same time,

L is a bond, an alkylene, an alkenylene, an alkynylene, or a group represented by L-1, L-2, L-3, or L-4:

[Chem. 2]



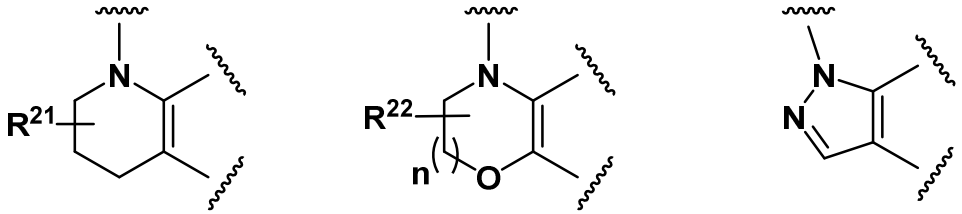
L-1 L-2 L-3 L-4

wherein the bond on the left side of each group is attached to A in the formula [1], the bond on the right side of each group is attached to a ring B in the formula [1], R^{11}, R^{13}, and R^{14} are each a

hydrogen atom or alkyl, R^{12} is a hydrogen atom, alkyl, monohaloalkyl, dihaloalkyl, or trihaloalkyl, R^{13} is a hydrogen atom or alkyl, Y is O, S, or -NR^{15}- (R^{15} is a hydrogen atom or alkyl), and m is 0, 1, or 2,

R^1 and R^{15} (if L is L-2 and Y is -NR^{15}-) combine with adjacent atoms to form a group represented by z-1, z-2, or z-3:

[Chem. 3]



z-1 z-2 z-3

wherein R^{21} is a hydrogen atom, oxo (=O), or an alkoxyimino (=N-O-R^{23}), n is 1 or 2, and R^{22} is a hydrogen atom or alkyl,

A represents aminoalkylamino, a non-aromatic heterocyclic group, a non-aromatic carbocyclic group, an aromatic carbocyclic group, an aromatic heterocyclic group, or 1,3-dioxa-2-yl,

the non-aromatic heterocyclic group for A is optionally substituted with one or two groups selected from the group consisting of the following (1) to (7):

(1) amino (-NH_2),

(2) alkyl,

(3) aminoalkyl,

(4) alkyl substituted with amino and hydroxy,

(5) halogen,

(6) alkylcarbonyl, and

(7) alkoxycarbonyl,

the non-aromatic carbocyclic group for A is optionally substituted with 1 to 3 groups selected from the group consisting of the following (1) to (15):

(1) amino,

(2) alkyl,

(3) alkylamino substituted with a non-aromatic carbocyclic group,

(4) trihaloalkylamino,

(5) hydroxyalkyl,

(6) aminoalkyl,

(7) hydroxy,

(8) monoalkylamino,

(9) hydroxyalkylamino,

(10) alkoxycarbonyl,

(11) carboxyl,

(12) carbamoyl,

(13) acetamide (Me-C(=O)-NH-),

(14) piperazinyl, and

(15) alkylamino,

the aromatic carbocyclic group for A is optionally substituted with one group selected from the group consisting of the following (1) to (4):

(1) aminoalkyl,

(2) aminoalkoxy,

(3) alkoxy substituted with piperidinyl, and

(4) alkoxycarbonylaminoalkyl,

the aromatic heterocyclic group for A is optionally substituted with a piperazinyl group, and

A and L are selected from any of the following cases (a) to (h):

(a) when L is a bond,

A is aminoalkylamino, a non-aromatic heterocyclic group, an aromatic carbocyclic group, or an aromatic heterocyclic group,

(b) when L is an alkylene,

A is a non-aromatic heterocyclic group or a non-aromatic carbocyclic group,

(c) when L is an alkenylene,

A is a non-aromatic heterocyclic group,

(d) when L is an alkynylene,

A is a non-aromatic heterocyclic group,

(e) when L is L-1,

A is a non-aromatic heterocyclic group, a non-aromatic carbocyclic group or an aromatic carbocyclic group,

(f) when L is L-2,

A is a non-aromatic heterocyclic group or a non-aromatic carbocyclic group,

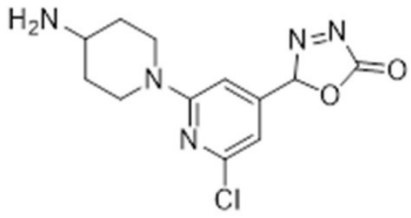
(g) when L is L-3,

A is a non-aromatic heterocyclic group, and

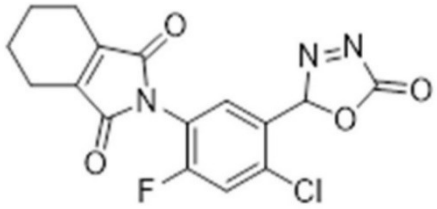
(h) when L is L-4,

A is a non-aromatic heterocyclic group,

or a pharmaceutically acceptable salt thereof, or a solvate thereof,
provided that the compound does not have the following formula:



or



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2. The 1,3,4-oxadiazolone compound according to claim 1, or a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein X^1 is a carbon atom, and X^4 is a carbon atom.

3. The 1,3,4-oxadiazolone compound according to claim 1 or 2, or a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein L is a bond, an alkylene, an alkenylene, an alkynylene, L-1, or L-2.

4. The 1,3,4-oxadiazolone compound according to any one of claims 1 to 3, or a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein A is aminoalkylamino, a non-aromatic heterocyclic group, a non-aromatic carbocyclic group, an aromatic carbocyclic group, or an aromatic heterocyclic group.

5. The 1,3,4-oxadiazolone compound according to any one of claims 1 to 4, or a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein L is a bond, L-1, or L-2.

6. The 1,3,4-oxadiazolone compound according to any one of claims 1 to 5, or a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein A and L are any of groups of the following (aa), (ee), and (ff):
(aa) when L is a bond, A is aminoalkylamino, a non-aromatic heterocyclic group, an aromatic carbocyclic group, or an aromatic heterocyclic group,
(ee) when L is L-1, A is a non-aromatic heterocyclic group or a non-aromatic carbocyclic group, or
(ff) when L is L-2, A is a non-aromatic heterocyclic group or a non-aromatic carbocyclic group.

7. The 1,3,4-oxadiazolone compound according to any one of claims 1 to 5, or a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein L is L-2, and A is a non-

aromatic heterocyclic group or a non-aromatic carbocyclic group.

8. The 1,3,4-oxadiazolone compound according to claim 7, or a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein L is L-2, m is 0, Y is -NR^{15}-, and A is a non-aromatic heterocyclic group or a non-aromatic carbocyclic group.

9. The 1,3,4-oxadiazolone compound according to any one of claims 1 to 8, or a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein

the non-aromatic heterocyclic group for A is piperidinyl, piperazinyl, pyrrolidinyl, azepanyl, azocanyl, 1,3-dioxanyl, tetrahydrofuranyl, 6-azaspiro[2.5]octanyl, 3,9-diazaspiro[5.5]undecanyl, 2,7-diazaspiro[3.5]nonan-7-yl, 7-azaspiro[3.5]nonanyl, 3-azabicyclo[3.2.1]octanyl, or 2-azaspiro[3.3]heptan-6-yl,

the non-aromatic carbocyclic group for A is cyclohexanyl, cyclopentyl, cyclobutenyl, bicyclo[2.2.1]heptanyl, bicyclo[1.1.1]pentanyl, cuban-1-yl, or 2-azaspiro[3.3]heptanyl,

the aromatic carbocyclic group for A is phenyl, and

the aromatic heterocyclic group for A is pyridyl.

10. The 1,3,4-oxadiazolone compound according to claim 9, or a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein

X^1 is a carbon atom,

R^1 is a halogen atom, dihaloalkyl, trihaloalkyl, dihaloalkyl, or trihaloalkoxy,

R^2 is a halogen atom or trihaloalkyl,

$R^3$is a hydrogen atom,

X^4 is a carbon atom,

R^4 is a hydrogen atom,

L is L-2,

m is 0,

Y is NR^{15},

R^{15} is a hydrogen atom,

R^{12} is a hydrogen atom or alkyl, and

A is piperidinyl, piperazinyl, pyrrolidinyl, azepanyl, azocanyl, 1,3-dioxanyl, tetrahydrofuranyl, 6-azaspiro[2.5]octanyl, 3,9-diazaspiro[5.5]undecanyl, 2,7-diazaspiro[3.5]nonan-7-yl, 7-azaspiro[3.5]nonanyl, 3-azabicyclo[3.2.1]octanyl, or 2-azaspiro[3.3]heptan-6-yl.

11. The 1,3,4-oxadiazolone compound according to any one of claims 1 to 9, or a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein the 1,3,4-oxadiazolone compound is any one of the following compounds (1) to (254):

(1) 5-{3-[(4-aminobutyl)amino]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(2) 5-{3-[(3-aminopropyl)amino]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(3) 5-{3-[(5-aminopentyl)amino]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(4) 5-{3-[(6-aminohexyl)amino]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(5) 5-{3-[(6-aminohexan-2-yl)amino]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(6) 5-{3-[4-(aminomethyl)piperidin-1-yl]-4-chlorophenyl}-1,3,4-oxadiazol-2(3H)-one,

(7) tert-butyl 4-[2-chloro-5-(5-oxo-4,5-dihydro-1,3,4-oxadiazol-2-yl)phenyl]piperazine-1-carboxylate,

(8) 5-[4-chloro-3-(piperazin-1-yl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(9) 5-[3-(4-aminopiperidin-1-yl)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(10) 5-{3-[4-(2-aminoethyl)piperidin-1-yl]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(11) 5-{3-[3-(2-aminoethyl)piperidin-1-yl]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(12) 5-{4-[4-(2-aminoethyl)piperidin-1-yl]-1H-indazol-6-yl}-1,3,4-oxadiazol-2(3H)-one,

(13) 5-{3-[4-(1-amino-2-methylpropan-2-yl)piperidin-1-yl]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(14) 5-{3-[4-(2-amino-1-hydroxyethyl)piperidin-1-yl]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(15) 5-[3-(3,9-diazaspiro[5.5]undecan-3-yl)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(16) 5-[3-(2,7-diazaspiro[3.5]nonan-7-yl)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(17) tert-butyl {[2’-chloro-5’-(5-oxo-4,5-dihydro-1,3,4-oxadiazol-2-yl)[1,1’-biphenyl]-3-yl]methyl}carbamate,

(18) 5-[3’-(aminomethyl)-6-chloro[1,1’-biphenyl]-3-yl]-1,3,4-oxadiazol-2(3H)-one,

(19) tert-butyl {[5'-(5-oxo-4,5-dihydro-1,3,4-oxadiazol-2-yl)-2'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl}carbamate,

(20) 5-[4'-(aminomethyl)-6-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-1,3,4-oxadiazol-2(3H)-one,

(21) 5-[3'-(aminomethyl)-6-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-1,3,4-oxadiazol-2(3H)-one,

(22) 5-[4'-(2-aminoethyl)-6-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-1,3,4-oxadiazol-2(3H)-one,

(23) 5-{4'-[(piperidin-4-yl)methoxy]-6-(trifluoromethyl)[1,1'-biphenyl]-3-yl}-1,3,4-oxadiazol-2(3H)-one,

(24) 5-[4'-{[(2S)-1-aminopropan-2-yl]oxy}-6-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-1,3,4-oxadiazol-2(3H)-one,

(25) 5-{3-[5-(piperazin-1-yl)pyridin-3-yl]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(26) 5-{3-[2-(piperidin-4-yl)ethyl]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(27) 5-[3-{2-[(1r,4s)-4-aminocyclohexyl]ethyl}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(28) 5-[3-{2-[(2r,5r)-5-amino-1,3-dioxan-2-yl]ethyl}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(29) 5-{3-[(piperidin-4-yl)ethynyl]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(30) 5-{3-[(E)-2-(piperidin-4-yl)ethenyl]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(31) 5-{4-chloro-3-[(piperidin-4-yl)amino]phenyl}-1,3,4-oxadiazol-2(3H)-one,

(32) 5-(3-{[(1r,4r)-4-aminocyclohexyl]amino}-4-chlorophenyl)-1,3,4-oxadiazol-2(3H)-one,

(33) 5-(3-{[(1s,4s)-4-aminocyclohexyl]amino}-4-chlorophenyl)-1,3,4-oxadiazol-2(3H)-one,

(34) 5-[3-{[(1r,4r)-4-aminocyclohexyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(35) 5-(3-{[(1r,4r)-4-aminocyclohexyl]amino}-4-bromophenyl)-1,3,4-oxadiazol-

2(3H)-one,

(36) 5-[3-{[(1r,4r)-4-aminocyclohexyl]amino}-5-fluoro-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one ,

(37) 5-[3-{[(1r,4r)-4-(aminomethyl)cyclohexyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(38) 5-[3-{[(1r,4r)-4-aminocyclohexyl]amino}-4-(trifluoromethoxy)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(39) 5-[3-{[(1r,4r)-4-(1-aminoethyl)cyclohexyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(40) 5-(3-{[(1r,4r)-4-aminocyclohexyl]amino}-4-chloro-5-fluorophenyl)-1,3,4-oxadiazol-2(3H)-one,

(41) 5-{3-[4-(aminomethyl)anilino]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(42) 5-{3-[(6-azaspiro[2.5]octan-1-yl)amino]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(43) 5-{3-[(6-aminospiro[3.3]heptan-2-yl)amino]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(44) 5-[3-{[(1r,4r)-4-(2-aminoethyl)cyclohexyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(45) 5-[3-{[(1S)-7-azaspiro[3.5]nonan-1-yl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(46) 5-[3-{[(1R)-7-azaspiro[3.5]nonan-1-yl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(47) 5-(4-chloro-3-{[(piperidin-4-yl)methyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(48) 5-[3-{[(piperidin-4-yl)methyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(49) 5-[4-chloro-3-({[(3R)-pyrrolidin-3-yl]methyl}amino)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(50) 5-(4-bromo-3-{[(piperidin-4-yl)methyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(51) 5-[3-{methyl[(piperidin-4-yl)methyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(52) 5-[3-{[1-(piperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(53) 5-[3-({[(3S)-piperidin-3-yl]methyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(54) 5-[3-({[(3R)-piperidin-3-yl]methyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(55) 5-[3-({[(1r,4r)-4-aminocyclohexyl]methyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(56) 5-[3-{[1-(piperidin-4-yl)propyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(57) 5-[3-{[(4-methylpiperidin-4-yl)methyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(58) 5-[3-{[(1S)-1-(piperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(59) 5-[3-{[(1R)-1-(piperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(60) 5-[3-{[2-(piperidin-3-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(61) 5-[3-({[(1r,4r)-4-aminocyclohexyl]methyl}amino)-4-chlorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(62) 5-[3-({[(1r,4r)-4-aminocyclohexyl]methyl}amino)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(63) 5-[3-({1-[(1r,4r)-4-aminocyclohexyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(64) 5-[3-{[2-(piperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(65) 5-[3-{[2-(piperazin-1-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(66) 5-[3-({[(1r,4r)-4-aminocyclohexyl]methyl}amino)-4-(trifluoromethoxy)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(67) 5-[3-({[(1r,4r)-4-aminocyclohexyl]methyl}amino)-4-methylphenyl]-1,3,4-oxadiazol-2(3H)-one,

(68) 5-[3-({[(1r,4r)-4-aminocyclohexyl]methyl}amino)-4-bromophenyl]-1,3,4-oxadiazol-2(3H)-one,

(69) 5-[3-({[(1r,4r)-4-aminocyclohexyl]methyl}amino)-5-fluoro-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(70) 5-[3-{[2-(4-methylpiperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-

oxadiazol-2(3H)-one,

(71) 5-[2-({[(1r,4r)-4-aminocyclohexyl]methyl}amino)[1,1'-biphenyl]-4-yl]-1,3,4-oxadiazol-2(3H)-one,

(72) 5-[3-({2-[(3R)-3-aminopiperidin-1-yl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(73) 5-[3-({2-[(3S)-3-aminopiperidin-1-yl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(74) 5-[3-({[(1s,4s)-4-aminocyclohexyl]methyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(75) 5-[3-fluoro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(76) 5-(4-chloro-3-fluoro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(77) 5-(4-chloro-3-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(78) 5-(4-bromo-3-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(79) 5-(3,4-dichloro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(80) 5-(4-fluoro-3-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(81) 5-[3-{[1-(piperidin-4-yl)propan-2-yl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(82) 5-(4-methoxy-3-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(83) 5-(4-bromo-3-fluoro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(84) 5-(4-chloro-3-methyl-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(85) 4-(5-oxo-4,5-dihydro-1,3,4-oxadiazol-2-yl)-2-{[(1S)-1-(piperidin-4-yl)ethyl]amino}benzonitrile,

(86) 5-[3-({[(1r,4r)-4-aminocyclohexyl]methyl}amino)-4-chloro-5-fluorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(87) 5-(4,5-dichloro-2-fluoro-3-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(88) 5-(4-chloro-2,5-difluoro-3-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(89) 5-(3,4-difluoro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(90) 5-[4-(difluoromethyl)-3-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl]-1,3,4-oxadiazol-2(3H)-one,

(91) 5-(4-chloro-3-nitro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(92) 5-(3-amino-4-chloro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(93) 5-(4,5-dichloro-2-methyl-3-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(94) 5-(4-chloro-2-methyl-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(95) 5-(4-chloro-2-fluoro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(96) 5-(2,4-dichloro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(97) 5-(3-bromo-4-chloro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(98) 5-(3-chloro-4-methyl-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(99) 5-(3-fluoro-4-methyl-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(100) 5-(4-{[(1S)-1-(piperidin-4-yl)ethyl]amino}-1H-indazol-6-yl)-1,3,4-oxadiazol-2(3H)-one,

(101) 5-[4-chloro-3-{[(1S)-1-(piperidin-4-yl)ethyl]amino}-5-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(102) 5-(4-chloro-3-cyclopropyl-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(103) 5-(3-chloro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}-4-[(propan-2-yl)oxy]phenyl)-1,3,4-oxadiazol-2(3H)-one,

(104) 5-(3-chloro-4-methoxy-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(105) 5-(3-chloro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl)-1,3,4-oxadiazol-

2(3H)-one,

(106) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(107) 5-[3-(pentafluoro-λ6-sulfanyl)-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl]-1,3,4-oxadiazol-2(3H)-one,

(108) 5-[3-{[(4-fluoropiperidin-4-yl)methyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(109) 5-[3-{[(3-fluoropiperidin-3-yl)methyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(110) 2-chloro-5-(5-oxo-4,5-dihydro-1,3,4-oxadiazol-2-yl)-3-{[(1S)-1-(piperidin-4-yl)ethyl]amino}benzonitrile,

(111) 5-[3-({(1R)-1-[(1r,4R)-4-aminocyclohexyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(112) 5-(2-{[(1S)-1-(piperidin-4-yl)ethyl]amino}pyridin-4-yl)-1,3,4-oxadiazol-2(3H)-one,

(113) 5-[3-{[(1R)-2,2-difluoro-1-(piperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(114) 5-[6-{[(1S)-1-(piperidin-4-yl)ethyl]amino}-5-(trifluoromethyl)pyridin-2-yl]-1,3,4-oxadiazol-2(3H)-one,

(115) 5-[3-{[1-(4-methylpiperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(116) 5-(4-{[(4-fluoropiperidin-4-yl)methyl]amino}-1H-indazol-6-yl)-1,3,4-oxadiazol-2(3H)-one,

(117) 5-[3-({2-[(1r,4r)-4-aminocyclohexyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(118) tert-butyl (1r,4r)-4-{[5-(5-oxo-4,5-dihydro-1,3,4-oxadiazol-2-yl)-2-(trifluoromethyl)anilino]methyl}cyclohexane-1-carboxylate,

(119) (1r,4r)-4-{[5-(5-oxo-4,5-dihydro-1,3,4-oxadiazol-2-yl)-2-(trifluoromethyl)anilino]methyl}cyclohexane-1-carboxylic acid,

(120) 5-[3-({[(1r,4r)-4-(hydroxymethyl)cyclohexyl]methyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(121) (1r,4r)-4-{[5-(5-oxo-4,5-dihydro-1,3,4-oxadiazol-2-yl)-2-(trifluoromethyl)anilino]methyl}cyclohexane-1-carboxamide,

(122) 5-[3-{[(4-ethylpiperidin-4-yl)methyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(123) 5-(4-chloro-3-fluoro-5-{[(4-fluoropiperidin-4-yl)methyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(124) 5-{4-bromo-1-[(piperidin-4-yl)methyl]-1H-indazol-6-yl}-1,3,4-oxadiazol-2(3H)-one,

(125) 5-[3-{[(1S)-1-(4-fluoropiperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(126) 5-[3-({[(3S,4R)-3-fluoropiperidin-4-yl]methyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(127) 5-[3-({[(3S,4S)-3-fluoropiperidin-4-yl]methyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(128) 5-[4-(methanesulfonyl)-3-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl]-1,3,4-oxadiazol-2(3H)-one,

(129) 5-[3-fluoro-5-{[(4-fluoropiperidin-4-yl)methyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(130) 5-{3-[{[(1r,4r)-4-aminocyclohexyl]methyl}(methyl)amino]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(131) 5-[3-({[(1r,4r)-4-(methylamino)cyclohexyl]methyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(132) 5-[3-(methyl{[(1r,4r)-4-(methylamino)cyclohexyl]methyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(133) 5-[3-{[(3-azabicyclo[3.2.1]octan-8-yl)methyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(134) 5-[3-({1-[(3S)-pyrrolidin-3-yl]propan-2-yl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(135) 5-[3-({[(1R,3s,5S)-8-azabicyclo[3.2.1]octan-3-yl]methyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(136) 5-[3-({1-[(3R)-pyrrolidin-3-yl]propan-2-yl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(137) 5-[3-({(1S)-1-[(1R,3S)-3-amino-2,2-dimethylcyclobutyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(138) 5-[3-{[(1S)-1-(piperidin-4-yl)propyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(139) 5-(4-chloro-3-fluoro-5-{[(1S)-1-(piperidin-4-yl)propyl]amino}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(140) 5-[3-{[(1R)-2,2-difluoro-1-(4-fluoropiperidin-4-yl)ethyl]amino}-4-

(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(141) 5-[3-({[(3R,4R)-3-methylpiperidin-4-yl]methyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(142) 5-[3-{[(1S)-1-(7-azaspiro[3.5]nonan-2-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(143) 5-[3-{[(2-methylpiperidin-4-yl)methyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(144) 5-[3-{[(1S)-1-(4-methylpiperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(145) 5-[3-({(1S)-1-[(1s,3R)-3-aminocyclobutyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(146) 5-[4-(trifluoromethyl)-3-{[(1R)-2,2,2-trifluoro-1-(piperidin-4-yl)ethyl]amino}phenyl]-1,3,4-oxadiazol-2(3H)-one,

(147) 5-[4-(trifluoromethyl)-3-{[(1S)-2,2,2-trifluoro-1-(piperidin-4-yl)ethyl]amino}phenyl]-1,3,4-oxadiazol-2(3H)-one,

(148) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-4-chlorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(149) 5-[3-{[(1S)-1-(2-azaspiro[3.3]heptan-6-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(150) 5-[3-({(1S)-1-[(1R,3S)-3-amino-2,2-dimethylcyclobutyl]ethyl}amino)-5-fluoro-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(151) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-5-fluoro-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(152) 5-[3-{[(1R)-2-fluoro-1-(piperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(153) 5-[3-({(1S)-1-[(1S,3R)-3-amino-2,2-dimethylcyclobutyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(154) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-4-bromophenyl]-1,3,4-oxadiazol-2(3H)-one,

(155) 5-[3-({(1S)-1-[(1R,5S,8r)-3-azabicyclo[3.2.1]octan-8-yl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(156) 5-[3-({(1S)-1-[(1R,5S,8s)-3-azabicyclo[3.2.1]octan-8-yl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(157) 5-[3-{[(1S)-1-(azepan-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(158) 5-[3-({(1S)-1-[(1R,3S)-3-amino-2,2-dimethylcyclobutyl]ethyl}amino)-4-chlorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(159) 5-[3-fluoro-5-{[(1S)-1-(4-fluoropiperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(160) 5-[3-fluoro-5-{[(1R)-2-fluoro-1-(piperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(161) 5-[3-{2-[(2r,5r)-5-amino-1,3-dioxan-2-yl]cyclopropyl}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(162) 5-[3-{[(1S)-1-(azocan-5-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(163) 5-[3-{[(1R)-2,2-difluoro-1-(4-fluoropiperidin-4-yl)ethyl]amino}-5-fluoro-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(164) 5-[3-({(1S)-1-[(1S,3R)-3-amino-2,2-dimethylcyclobutyl]ethyl}amino)-5-fluoro-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(165) 5-[3-({(1S)-1-[(1s,3R)-3-aminocyclobutyl]ethyl}amino)-5-fluoro-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(166) 5-[3-({[(1R,3S)-3-amino-2,2-dimethylcyclobutyl]methyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(167) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-5-fluoro-4-methoxyphenyl]-1,3,4-oxadiazol-2(3H)-one,

(168) 5-[3-({(1S)-1-[(1S,3R)-3-amino-2,2-dimethylcyclobutyl]ethyl}amino)-4-chlorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(169) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-4-chloro-2,5-difluorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(170) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-5-fluoro-4-(trifluoromethoxy)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(171) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-5-bromo-4-chlorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(172) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-5-fluoro-4-methylphenyl]-1,3,4-oxadiazol-2(3H)-one,

(173) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-4-ethoxy-5-fluorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(174) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-4,5-dichlorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(175) 5-{3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-5-fluoro-4-[(propan-2-

yl)oxy]phenyl}-1,3,4-oxadiazol-2(3H)-one,

(176) 5-[3-({[(1S,3R)-3-amino-2,2-dimethylcyclobutyl]methyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(177) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-4-chloro-5-fluorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(178) 5-[3-({(1S)-1-[(1s,3R)-3-aminocyclobutyl]ethyl}amino)-4-chloro-5-fluorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(179) 5-[3-({(1S)-1-[(1s,3R)-3-aminocyclobutyl]ethyl}amino)-4,5-dichlorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(180) 5-[3-({(1S)-1-[(1s,3R)-3-aminocyclobutyl]ethyl}amino)-5-fluoro-4-(trifluoromethoxy)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(181) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]propyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(182) 5-[3-({(1S)-1-[(1s,3R)-3-aminocyclobutyl]ethyl}amino)-5-bromo-4-chlorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(183) 5-[3-({(1S)-1-[(1s,3R)-3-aminocyclobutyl]ethyl}amino)-4-chloro-5-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(184) N-[(1S,3R)-2,2-dimethyl-3-{[5-(5-oxo-4,5-dihydro-1,3,4-oxadiazol-2-yl)-2-(trifluoromethyl)anilino]methyl}cyclobutyl]acetamide

(185) 5-[3-{[(1S)-1-(3-aminobicyclo[1.1.1]pentan-1-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(186) 5-[3-({(1S)-1-[(2S,3R)-4-aminocuban-1-yl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(187) 5-[3-{[(1S)-1-(4-aminobicyclo[2.2.1]heptan-1-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(188) 5-[3-({(S)-1-[(2S, 5R)-5-aminotetrahydro-2H-pyran-2-yl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(189) 5-[3-({(1S)-1-[(1r,4S)-4-(methylamino)cyclohexyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(190) 5-[3-fluoro-5-({(1S)-1-[(1r,4S)-4-(methylamino)cyclohexyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(191) 5-[3-({(1S)-1-[(1R,3S)-3-aminocyclohexyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(192) 5-[3-({(1S)-1-[(1s,3R)-3-(methylamino)cyclobutyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(193) 5-[3-({(1S)-1-[(1r,4S)-4-(ethylamino)cyclohexyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(194) 5-[3-({(1S)-1-[(1S,3R)-3-aminocyclohexyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(195) 5-[3-({(1S)-1-[(1s,3R)-3-(ethylamino)cyclobutyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(196) 5-[3-{[(1S)-1-{(1s,3R)-3-[(cyclopropylmethyl)amino]cyclobutyl}ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(197) 5-[3-{[(1S)-1-{(1r,4S)-4-[(2,2,2-trifluoroethyl)amino]cyclohexyl}ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(198) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]propyl}amino)-5-fluoro-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(199) 5-[3-({(1S)-1-[(1S,3R)-3-aminocyclopentyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(200) 5-[3-({(1S)-1-[(1R,3S)-3-aminocyclopentyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(201) 5-[3-{[(1S)-1-{(1r,4S)-4-[(2-hydroxyethyl)amino]cyclohexyl}ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(202) 5-[3-fluoro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}-4-(trifluoromethoxy)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(203) 5-[3-fluoro-5-({(1S)-1-[(1s,3R)-3-(methylamino)cyclobutyl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(204) 5-[3-fluoro-5-({(1S)-1-[(1r,4S)-4-(methylamino)cyclohexyl]ethyl}amino)-4-(trifluoromethoxy)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(205) 5-(4-chloro-3-{[methyl(piperidin-4-yl)amino]methyl}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(206) 5-[3-fluoro-5-{[(1S)-1-(4-methylpiperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(207) 5-[3-fluoro-5-{[(1S)-1-(4-methylpiperidin-4-yl)ethyl]amino}-4-(trifluoromethoxy)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(208) 5-[3-fluoro-5-({(1S)-1-[(1s,3R)-3-(methylamino)cyclobutyl]ethyl}amino)-4-(trifluoromethoxy)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(209) 5-[3-{[(1S)-2-fluoro-1-(4-fluoropiperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(210) 5-[3-fluoro-5-({(1S)-1-[(3S,4S)-3-methylpiperidin-4-yl]ethyl}amino)-4-

(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(211) 5-[3-fluoro-5-({(1S)-1-[(3R,4R)-3-methylpiperidin-4-yl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(212) 5-[4-(difluoromethoxy)-3-fluoro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}phenyl]-1,3,4-oxadiazol-2(3H)-one,

(213) 5-[4-(difluoromethoxy)-3-fluoro-5-{[(1S)-1-(4-methylpiperidin-4-yl)ethyl]amino}phenyl]-1,3,4-oxadiazol-2(3H)-one,

(214) 5-[4-(difluoromethoxy)-3-fluoro-5-({(1S)-1-[(3S,4S)-3-methylpiperidin-4-yl]ethyl}amino)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(215) 5-(3-{[(1-acetylpiperidin-4-yl)(methyl)amino]methyl}-4-chlorophenyl)-1,3,4-oxadiazol-2(3H)-one,

(216) 5-[4-(difluoromethoxy)-3-fluoro-5-({(1S)-1-[(2R,4R)-2-methylpiperidin-4-yl]ethyl}amino)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(217) 5-[3-({(1S)-1-[(3S,4S)-3-methylpiperidin-4-yl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(218) 5-[3-({(1S)-1-[(3S,4S)-3-methylpiperidin-4-yl]ethyl}amino)-4-(trifluoromethoxy)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(219) 5-[3-fluoro-5-({(1S)-1-[(3S,4S)-3-methylpiperidin-4-yl]ethyl}amino)-4-(trifluoromethoxy)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(220) 5-[4-(difluoromethoxy)-3-({(1S)-1-[(3S,4S)-3-methylpiperidin-4-yl]ethyl}amino)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(221) 5-[4-chloro-3-({(1S)-1-[(3S,4S)-3-methylpiperidin-4-yl]ethyl}amino)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(222) 5-[4-chloro-3-fluoro-5-({(1S)-1-[(3S,4S)-3-methylpiperidin-4-yl]ethyl}amino)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(223) 5-[3-fluoro-5-({(1S)-1-[(3S,4R)-3-fluoropiperidin-4-yl]ethyl}amino)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(224) 5-[3-fluoro-5-({(1S)-1-[(3S,4R)-3-fluoropiperidin-4-yl]ethyl}amino)-4-(trifluoromethoxy)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(225) 5-[3-({(1S)-1-[(3S,4S)-3-ethylpiperidin-4-yl]ethyl}amino)-5-fluoro-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(226) 5-[3-({(1S)-1-[(3R,4R)-3-ethylpiperidin-4-yl]ethyl}amino)-5-fluoro-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(227) 5-[3-fluoro-5-({(1S)-1-[(3S,4R)-3-fluoropiperidin-4-yl]ethyl}amino)-4-methylphenyl]-1,3,4-oxadiazol-2(3H)-one,

(228) 5-[3-fluoro-4-methyl-5-({(1S)-1-[(3S,4S)-3-methylpiperidin-4-yl]ethyl}amino)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(229) 5-[3-({(1S)-1-[(3S,4S)-3-ethylpiperidin-4-yl]ethyl}amino)-5-fluoro-4-methylphenyl]-1,3,4-oxadiazol-2(3H)-one,

(230) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-4-cyclopropyl-5-fluorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(231) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-4-ethyl-5-fluorophenyl]-1,3,4-oxadiazol-2(3H)-one,

(232) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-5-fluoro-4-(prop-1-en-2-yl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(233) 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-5-fluoro-4-(propan-2-yl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(234) 5-[3-({[(1r,4r)-4-aminocyclohexyl]methyl}sulfanyl)-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(235) 5-{4-bromo-3-[(piperidin-4-yl)methoxy]phenyl}-1,3,4-oxadiazol-2(3H)-one,

(236) 5-{4-bromo-3-[1-(piperidin-4-yl)ethoxy]phenyl}-1,3,4-oxadiazol-2(3H)-one,

(237) 5-(3-{1-[(1r,4r)-4-aminocyclohexyl]ethoxy}-4-bromophenyl)-1,3,4-oxadiazol-2(3H)-one,

(238) 5-(3-{[(1r,4r)-4-aminocyclohexyl]methoxy}-4-bromophenyl)-1,3,4-oxadiazol-2(3H)-one,

(239) 5-{3-[1-(piperidin-4-yl)ethoxy]-4-(trifluoromethyl)phenyl}-1,3,4-oxadiazol-2(3H)-one,

(240) 5-[3-{[(1r,4r)-4-aminocyclohexyl]methoxy}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one,

(241) 5-(3-{[(1r,4r)-4-aminocyclohexyl]methoxy}-4-chlorophenyl)-1,3,4-oxadiazol-2(3H)-one,

(242) 5-(4-chloro-3-{[(1s,3s)-3-(piperazin-1-yl)cyclobutyl]methoxy}phenyl)-1,3,4-oxadiazol-2(3H)-one,

(243) 5-(3-{[(1s,4s)-4-aminocyclohexyl]methoxy}-4-chlorophenyl)-1,3,4-oxadiazol-2(3H)-one,

(244) 5-(1-{[(1r,4r)-4-aminocyclohexyl]methyl}-1,2,3,4-tetrahydroquinolin-7-yl)-1,3,4-oxadiazol-2(3H)-one,

(245) 5-fluoro-1-{(1S)-1-[(3S,4S)-3-methylpiperidin-4-yl]ethyl}-7-(5-oxo-4,5-dihydro-1,3,4-oxadiazol-2-yl)-2,3-dihydroquinolin-4(1H)-one,

(246) 5-[(4E)-5-fluoro-4-(methoxyimino)-1-{(1S)-1-[(3S,4S)-3-methylpiperidin-4-

yl]ethyl}-1,2,3,4-tetrahydroquinolin-7-yl]-1,3,4-oxadiazol-2(3H)-one,
(247) 5-(4-{(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}-3,4-dihydro-2H-1,4-benzoxazin-6-yl)-1,3,4-oxadiazol-2(3H)-one,
(248) 5-{8-fluoro-4-[(1S)-1-(piperidin-4-yl)ethyl]-3,4-dihydro-2H-1,4-benzoxazin-6-yl}-1,3,4-oxadiazol-2(3H)-one,
(249) 5-(4-{(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}-8-fluoro-3,4-dihydro-2H-1,4-benzoxazin-6-yl)-1,3,4-oxadiazol-2(3H)-one,
(250) 5-{(2R)-8-fluoro-2-methyl-4-[(1S)-1-(piperidin-4-yl)ethyl]-3,4-dihydro-2H-1,4-benzoxazin-6-yl}-1,3,4-oxadiazol-2(3H)-one,
(251) 5-{(2S)-8-fluoro-2-methyl-4-[(1S)-1-(piperidin-4-yl)ethyl]-3,4-dihydro-2H-1,4-benzoxazin-6-yl}-1,3,4-oxadiazol-2(3H)-one,
(252) 5-[(2S)-4-{(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}-8-fluoro-2-methyl-3,4-dihydro-2H-1,4-benzoxazin-6-yl]-1,3,4-oxadiazol-2(3H)-one,
(253) 5-[(2R)-4-{(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}-8-fluoro-2-methyl-3,4-dihydro-2H-1,4-benzoxazin-6-yl]-1,3,4-oxadiazol-2(3H)-one,
(254) 5-{9-fluoro-5-[(1S)-1-(piperidin-4-yl)ethyl]-2,3,4,5-tetrahydro-1,5-benzoxazepin-7-yl}-1,3,4-oxadiazol-2(3H)-one.

12. 5-[3-fluoro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}-4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2(3H)-one, or a pharmaceutically acceptable salt thereof, or a solvate thereof.

13. 5-[3-fluoro-5-{[(1S)-1-(piperidin-4-yl)ethyl]amino}-4-(trifluoromethoxy)phenyl]-1,3,4-oxadiazol-2(3H)-one, or a pharmaceutically acceptable salt thereof, or a solvate thereof.

14. 5-[3-fluoro-4-methyl-5-({(1S)-1-[(3S,4S)-3-methylpiperidin-4-yl]ethyl}amino)phenyl]-1,3,4-oxadiazol-2(3H)-one, or a pharmaceutically acceptable salt thereof, or a solvate thereof.

15. 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-4-cyclopropyl-5-fluorophenyl]-1,3,4-oxadiazol-2(3H)-one, or a pharmaceutically acceptable salt thereof, or a solvate thereof.

16. 5-[3-({(1S)-1-[(1r,4S)-4-aminocyclohexyl]ethyl}amino)-4-ethyl-5-fluorophenyl]-1,3,4-oxadiazol-2(3H)-one, or a pharmaceutically acceptable salt thereof, or a solvate thereof.

17. A pharmaceutical composition comprising the compound according to any one of claims 1 to 16, or a pharmaceutically acceptable salt thereof, or a solvate thereof, as an active ingredient.

18. A PIM kinase inhibitor comprising the compound according to any one of claims 1 to 16, or a pharmaceutically acceptable salt thereof, or a solvate thereof, as an active ingredient.

19. A therapeutic agent for multiple sclerosis, rheumatoid arthritis, food allergy, asthma, systemic lupus erythematosus, lupus nephritis, inflammatory bowel disease, ulcerative colitis, atopic dermatitis, autoimmune lymphoproliferative syndrome, chronic obstructive pulmonary disease, allergic airway disease, eosinophilic polyangiitis granulomatosis, hypereosinophilic syndrome, chorioamnionitis, ankylosing spondylitis, myasthenia gravis, psoriasis, prostate cancer, colon cancer, esophageal cancer, ovarian cancer, uterine cancer, renal cancer, liver cancer, pancreatic cancer, gastric cancer, breast cancer, lung cancer, head and neck cancer, glioma, osteosarcoma, bladder cancer, acute lymphocytic leukemia, acute myeloid leukemia, chronic lymphocytic leukemia, chronic myeloid leukemia, B-cell lymphoma, multiple myeloma, T-cell lymphoma, skin cancer, Kaposi's sarcoma, Hodgkin's lymphoma, myeloproliferative tumor, adenoid cystic carcinoma, Ewing's sarcoma, adult T-cell leukemia, mesothelioma, acute promyelocytic leukemia, choriocarcinoma, liposarcoma, neuroblastoma, seminoma, or lymphoblastic lymphoma, Epstein-Barr virus infection, hemophagocytic syndrome in which Epstein-Barr virus is known to be involved, influenza, hepatitis C, salmonellosis, herpesvirus infection, vaginal trichomonas infection, human granulocytic ehrlichiosis, aplastic anemia, atherosclerosis, pulmonary hypertension, diabetes, enlarged prostate, or Alzheimer's disease in all of which PIM kinase is involved, the therapeutic agent comprising the compound according to any one of claims 1 to 16, or a pharmaceutically acceptable salt thereof, or a solvate thereof, as an active ingredient.