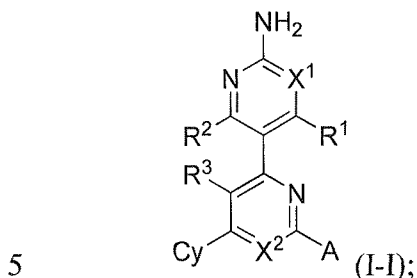


C₁₋₄ (halo)alkyl-C(=O)N(H)-, C₁₋₄ (halo)alkyl-N(H)-C(=O)-, ((halo)alkyl)₂N-C(=O)-, C₁₋₄ (halo)alkyl-OC(=O)N(H)-, C₁₋₄ (halo)alkyl-OC(=O)N(H)-, (halo)alkyl-N(H)-C(=O)O-, ((halo)alkyl)₂N-C(=O)O-, C₁₋₄ alkylthio, C₁₋₄ alkylamino and C₁₋₄ dialkylamino.

In one aspect the present disclosure provides for a compound of Formula I-I)



or salts thereof wherein

R¹, R² and R³ are each independently H, F, Cl, Br, I, C₁₋₆ alkyl or C₁₋₆ haloalkyl;

X¹ is C-R⁴, wherein R⁴ is selected from the group consisting of methoxy, monofluoromethoxy, difluoromethoxy, trifluoromethoxy, ethoxy, propoxy, isopropoxy, butoxy, isobutoxy, tert-butoxy, cyclopropoxy, cyclobutoxy, cyclopentoxo, methyl, monofluoromethyl, difluoromethyl, trifluoromethyl, cyclopropyl, cyclobutyl and cyclopentyl;

10

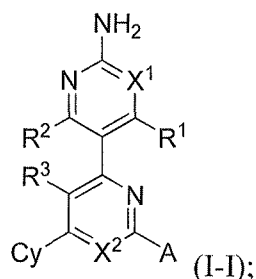
X² is N or CH;

A is selected from the group consisting of C₁₋₆ alkyl, C₁₋₆ haloalkyl, C₁₋₆ dialkylamino, 3 to 12 membered cycloalkyl, 3 to 12 membered heterocycloalkyl, and 5 to 6 membered heteroaryl, wherein A is optionally substituted with 1-5 R^A substituents selected from the group

15

CLAIMS

1. A compound of Formula (I-I)



or salts thereof wherein

5 **R¹, R² and R³** are each independently H, F, Cl, Br, I, C₁₋₆ alkyl or C₁₋₆ haloalkyl;

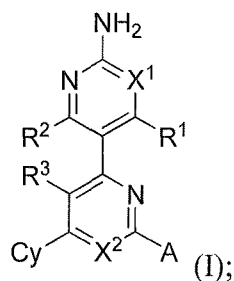
X¹ is C-R⁴, wherein R⁴ is selected from the group consisting of methoxy, monofluoromethoxy, difluoromethoxy, trifluoromethoxy, ethoxy, propoxy, isopropoxy, butoxy, isobutoxy, tert-butoxy, cyclopropoxy, cyclobutoxy, cyclopentoxy, methyl, monofluoromethyl, difluoromethyl, trifluoromethyl, cyclopropyl, cyclobutyl and
10 cyclopentyl;

X² is N or CH;

A is selected from the group consisting of C₁₋₆ alkyl, C₁₋₆ haloalkyl, C₁₋₆ dialkylamino, 3 to 12 membered cycloalkyl, 3 to 12 membered heterocycloalkyl, and 5 to 6 membered heteroaryl, wherein A is optionally substituted with 1-5 R^A substituents selected
15 from the group consisting of F, Cl, Br, I, -OH, -CN, -NO₂, -SF₅, C₁₋₈ alkyl, C₁₋₈ haloalkyl, C₁₋₈

from the group consisting of C₁₋₈ alkyl, C₁₋₈ haloalkyl, 3 to 8 membered cycloalkyl, phenyl, benzyl, 5 to 6 membered heteroaryl and 3 to 7 membered heterocycloalkyl; Y¹ is O or S, and wherein R^{Cy} is optionally substituted on carbon atoms and heteroatoms with from 1 to 5 R^{RCy} substituents selected from, F, Cl, Br, I, -NH₂, -OH, -CN, -NO₂, -O⁻, =O, -SF₅, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy, C₁₋₄ alkyl-C(=O)-, C₁₋₄ (halo)alkyl-C(=O)-, C₁₋₄ (halo)alkyl-S(O)₀₋₂-, C₁₋₄ (halo)alkyl-N(H)S(O)₀₋₂-, C₁₋₄ (halo)alkyl-S(O)₀₋₂N(H)-, (halo)alkyl-N(H)-S(O)₀₋₂N(H)-, C₁₋₄ (halo)alkyl-C(=O)N(H)-, C₁₋₄ (halo)alkyl-N(H)-C(=O)-, ((halo)alkyl)₂N-C(=O)-, C₁₋₄ (halo)alkyl-OC(=O)N(H)-, C₁₋₄ (halo)alkyl-OC(=O)N(H)-, (halo)alkyl-N(H)-C(=O)O-, ((halo)alkyl)₂N-C(=O)O-, C₁₋₄ alkylthio, C₁₋₄ alkylamino and C₁₋₄ dialkylamino.

2. The compound of claim 1, further defined as a compound of Formula (I)



or salts thereof wherein

R¹, R² and R³ are each independently H, F, Cl, Br, I, C₁₋₆ alkyl or C₁₋₆ haloalkyl;

X¹ is C-R⁴, wherein R⁴ is selected from the group consisting of methoxy, monofluoromethoxy, difluoromethoxy, trifluoromethoxy, ethoxy, propoxy, isopropoxy, butoxy, isobutoxy, tert-butoxy, cyclopropoxy, cyclobutoxy, cyclopentoxymethyl, monofluoromethyl, difluoromethyl, trifluoromethyl, cyclopropyl, cyclobutyl and cyclopentyl;

X² is N or CH;

aminoalkylene, C₁₋₄ thioalkylene, C₂₋₄ alkenylene, and C₂₋₄ alkynylene; wherein R^{RCa} and R^{RCb} are independently selected from the group consisting of hydrogen, C₁₋₈ alkyl, C₁₋₈ haloalkyl, 3-8 membered cycloalkyl, phenyl, benzyl, 5 to 6 membered heteroaryl and 3 to 8 membered heterocycloalkyl; R^{RCc} is selected from the group consisting of C₁₋₈ alkyl, C₁₋₈ haloalkyl, 3 to 8 membered cycloalkyl, phenyl, benzyl, 5 to 6 membered heteroaryl and 3 to 7 membered heterocycloalkyl; Y¹ is O or S, and wherein R^{RCy} is optionally substituted on carbon atoms and heteroatoms with from 1 to 5 R^{RCy} substituents selected from, F, Cl, Br, I, -NH₂, -OH, -CN, -NO₂, =O, -SF₅, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy, C₁₋₄ (halo)alkyl-C(=O)-, C₁₋₄ (halo)alkyl-S(O)₀₋₂-, C₁₋₄ (halo)alkyl-N(H)S(O)₀₋₂-, C₁₋₄ (halo)alkyl-S(O)₀₋₂N(H)-, (halo)alkyl-N(H)-S(O)₀₋₂N(H)-, C₁₋₄ (halo)alkyl-C(=O)N(H)-, C₁₋₄ (halo)alkyl-N(H)-C(=O)-, ((halo)alkyl)₂N-C(=O)-, C₁₋₄ (halo)alkyl-OC(=O)N(H)-, C₁₋₄ (halo)alkyl-OC(=O)N(H)-, (halo)alkyl-N(H)-C(=O)O-, ((halo)alkyl)₂N-C(=O)O-, C₁₋₄ alkylthio, C₁₋₄ alkylamino and C₁₋₄ dialkylamino.

3. A compound according to claim 1 or 2, wherein either A or Cy is a polycyclic carbocycle or polycyclic heterocycle.

4. A compound of claim 1, 2 or 3, wherein X² is N.

5. A compound of claim, 1, 2 or 3, wherein X² is C(H).

6. A compound of claim 1, 2, 3, 4, or 5, wherein R¹, R² and R³ are each independently selected from the group consisting of F, Cl, CN, hydrogen, C₁₋₄ alkyl and C₁₋₄ haloalkyl.

7. A compound of claim 1, 2, 3, 4, 5, or 6, wherein R¹, R² and R³ are each hydrogen.

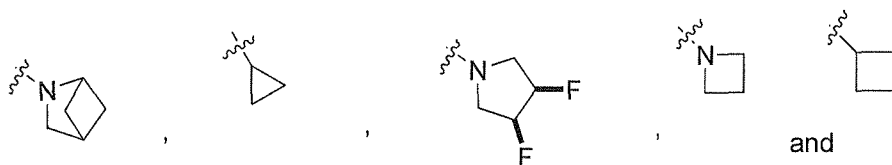
8. A compound of claim 1, 2, 3, 4, 5, 6, or 7, wherein A and Cy are independently selected from the group consisting of pyrrolidine, piperidine, azetidine, azepane, piperazine, 7-azaspiro[3.5]nonane, 3,6-diazabicyclo[3.2.1]octane, 2-oxa-5-azabicyclo[2.2.1]heptane, 2,7-diazaspiro[3.5]nonane, octahydrocyclopenta[c]pyrrole, 2-azaspiro[3.3]heptane, 2,5-diazaspiro[3.4]octane, 6-azaspiro[2.5]octane, 3-azabicyclo[3.1.0]hexane, 3-oxabicyclo[3.1.0]hexane, morpholine, hexahydro-2H-furo[3,2-c]pyrrole, 2-azabicyclo[2.1.1]hexane, 2,5-diazabicyclo[2.2.1]heptane, 2-azatricyclo[3.3.1.1-3,7]decane, 2-azabicyclo[2.1.1]hexane, 9-azabicyclo[4.2.1]nonane, 9-azabicyclo[3.3.1]nonane, cyclobutane, cyclopropane, cyclopentane, 2-Thia-5-azabicyclo[2.2.1]heptane 2,2-dioxide, 2-azabicyclo[2.2.1]heptane, tetrahydro-2H-pyran, 8-azabicyclo[3.2.1]octane and 3-oxa-8-azabicyclo[3.2.1]octane, and is optionally substituted.

9. A compound of claim 1, 2, 3, 4, 5, 6, 7, or 8, wherein A is selected from the group consisting of pyrrolidine, piperidine, azetidine, azepane, piperazine, cyclopropane, cyclobutane, cyclopentane, 7-azaspiro[3.5]nonane, 3-oxabicyclo[3.1.0]hexane, 3,6-diazabicyclo[3.2.1]octane, 2-oxa-5-azabicyclo[2.2.1]heptane, 2,7-diazaspiro[3.5]nonane, octahydrocyclopenta[c]pyrrole, 2-azaspiro[3.3]heptane, 2,5-diazaspiro[3.4]octane, 6-azaspiro[2.5]octane, 3-azabicyclo[3.1.0]hexane, morpholine, hexahydro-2H-furo[3,2-c]pyrrole and 2-azabicyclo[2.1.1]hexane, and is optionally substituted.

10. A compound of claim 1, 2, 3, 4, 5, 6, 7, 8, or 9, wherein A is selected from the group consisting of 2-azabicyclo[2.1.1]hexane, 3-azabicyclo[3.1.0]hexane, 3-oxabicyclo[3.1.0]hexane, azetidine, pyrrolidine, cyclopropane, cyclobutane, cyclopentane, and is optionally substituted.

5 11. A compound of claim 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10, wherein A is selected from the group consisting of (1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptane, (1R,4R)-2-oxa-5-azabicyclo[2.2.1]heptane, (1R,5S)-3-azabicyclo[3.1.0]hexane, (1S,5R)-3-azabicyclo[3.1.0]hexane, 3-oxabicyclo[3.1.0]hexane, (1R,5S)-3-oxabicyclo[3.1.0]hexane, (1S,5R)-3-oxabicyclo[3.1.0]hexane, (1S,4S)-2,5-diazabicyclo[2.2.1]heptane and (1R,4R)-
10 2,5-diazabicyclo[2.2.1]heptane, and is optionally substituted.

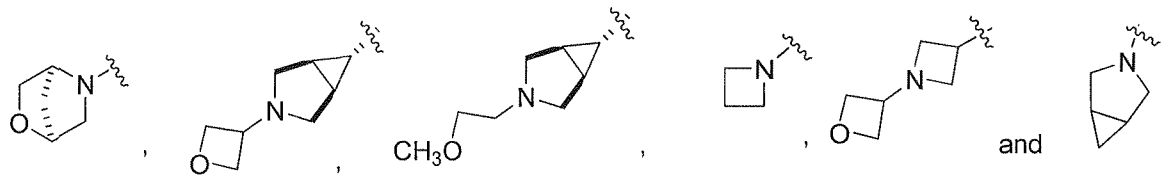
12. A compound of claim 1, 2, 3, 4, 5, 6, or 7, wherein A is selected from the group consisting of methyl, ethyl, isopropyl,



13. A compound of claim 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, or 12, wherein Cy is
15 selected from the group consisting of 2,5-diazabicyclo[2.2.1]heptane, piperidine, pyrrolidine, azetidine, 2-aza-tricyclo[3.3.1.1-3,7]decane, 2-oxa-5-azabicyclo[2.2.1]heptane, 3-azabicyclo[3.1.0]hexane, 3-oxabicyclo[3.1.0]hexane, 2-azabicyclo[2.1.1]hexane, 9-azabicyclo[4.2.1]nonane, 9-azabicyclo[3.3.1]nonane, cyclobutane, 2-Thia-5-aza-bicyclo[2.2.1]heptane 2,2-dioxide, 2-azabicyclo[2.2.1]heptane, tetrahydro-2H-pyran, 8-
20 azabicyclo[3.2.1]octane, 3-oxa-8-azabicyclo[3.2.1]octane, and is optionally substituted.

14. A compound of claim 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, or 13, wherein Cy is selected from the group consisting of azetidine, (1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptane, (1R,4R)-2-oxa-5-azabicyclo[2.2.1]heptane, (1R,5S)-3-azabicyclo[3.1.0]hexane, (1S,5R)-3-azabicyclo[3.1.0]hexane, 3-oxabicyclo[3.1.0]hexane, (1R,5S)-3-oxabicyclo[3.1.0]hexane, (1S,5R)-3-oxabicyclo[3.1.0]hexane, (1S,4S)-2,5-diazabicyclo[2.2.1]heptane and (1R,4R)-
25 2,5-diazabicyclo[2.2.1]heptane, and is optionally substituted.

15. A compound of claim 1, 2, 3, 4, 5, 6, or 7, wherein Cy is selected from the group consisting of



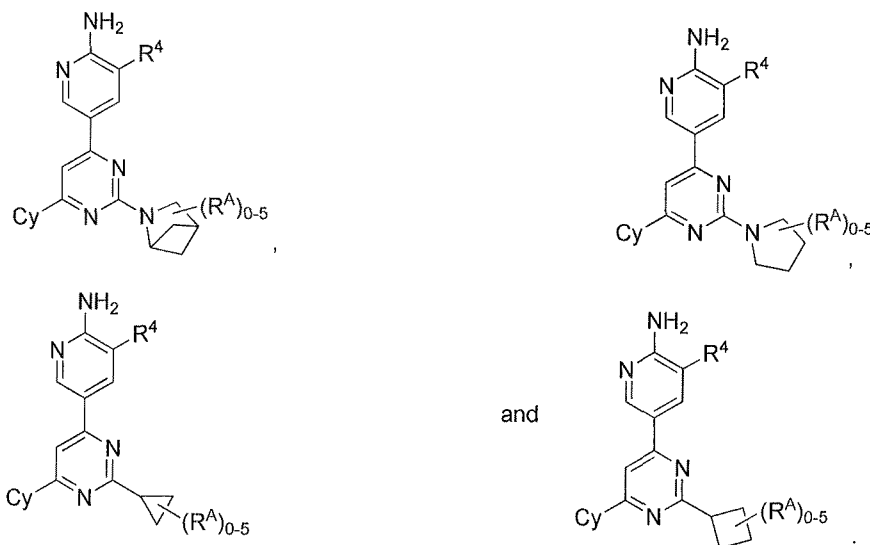
16. A compound of claim 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, or 15,
 5 wherein A is optionally substituted with from 1 to 5 R^A substituents selected from the group consisting of F, Cl, Br, I, -OH, -CN, -NO₂, -SF₅, C₁₋₈ alkyl, C₁₋₈ haloalkyl, C₁₋₈ heteroalkyl, -(L^A)₀₋₁₋₃₋₈ membered cycloalkyl, -(L^A)₀₋₁₋₃₋₈ membered heterocycloalkyl, -(L^A)₀₋₁₋₅ to 6 membered heteroaryl, -(L^A)_{0-1-C₆} aryl, wherein L^A is selected from the group consisting of -C(O)-, -C(O)CH₂-, -OCH₂-, -CH₂O-, -CH₂-, -CH₂CH₂-, -CH₂OCH₂-, -
 10 N(H)CH₂-, -N(C₁₋₃ alkyl)CH₂-, CH₂N(H)-, -CH₂N(C₁₋₃ alkyl)-; wherein said 3-8 membered cycloalkyl is selected from the group consisting of propane, butane, pentane and hexane; wherein said 3 to 8 membered heterocycloalkyl is selected from the group consisting of oxetane, tetrahydrofuran, tetrahydropyran, oxepane, azetidine, pyrrolidine, piperidine and azepane; wherein said 5 to 6 membered heteroaryl is selected from the group consisting of
 15 pyrrole, pyrazole, imidazole, thiophene, thiazole, oxazole, triazole, pyridine, pyrimidine, pyrazine, pyridazine; wherein said C₆ aryl is phenyl; and wherein R^A is optionally substituted with from 1 to 5 R^{RA} substituents selected from, F, Cl, Br, I, -NH₂, -OH, -CN, -NO₂, =O, -SF₅, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy, C₁₋₄ (halo)alkyl-C(=O)-, C₁₋₄ (halo)alkyl-S(O)₀₋₂-, C₁₋₄ (halo)alkyl-N(H)S(O)₀₋₂-, C₁₋₄ (halo)alkyl-S(O)₀₋₂N(H)-, (halo)alkyl-N(H)-S(O)₀₋₂N(H)-, C₁₋₄ (halo)alkyl-C(=O)N(H)-, C₁₋₄ (halo)alkyl-N(H)-C(=O)-, ((halo)alkyl)₂N-C(=O)-, C₁₋₄ (halo)alkyl-OC(=O)N(H)-, C₁₋₄ (halo)alkyl-OC(=O)N(H)-, (halo)alkyl-N(H)-C(=O)O-, ((halo)alkyl)₂N-C(=O)O-, C₁₋₄ alkylthio, C₁₋₄ alkylamino and C₁₋₄ dialkylamino.

17. A compound of claim 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, or 15,
 25 wherein Cy is optionally substituted with from 1 to 5 R^{Cy} substituents selected from the group consisting of F, Cl, Br, I, -OH, -CN, -NO₂, -SF₅, C₁₋₈ alkyl, C₁₋₈ haloalkyl, C₁₋₈ heteroalkyl, -(L^{Cy})₀₋₁₋₃₋₈ membered cycloalkyl, -(L^{Cy})₀₋₁₋₃₋₈ membered heterocycloalkyl, -(L^{Cy})₀₋₁₋₅ to 6 membered heteroaryl, -(L^{Cy})_{0-1-C₆} aryl, wherein L^{Cy} is selected from the group consisting of -C(O)-, -C(O)CH₂-, -OCH₂-, -CH₂O-, -CH₂-, -CH₂CH₂-, -CH₂OCH₂-, -
 30 N(H)CH₂-, -N(C₁₋₃ alkyl)CH₂-, CH₂N(H)-, -CH₂N(C₁₋₃ alkyl)-; wherein said 3-8 membered cycloalkyl is selected from the group consisting of propane, butane, pentane and hexane; wherein said 3 to 8 membered heterocycloalkyl is selected from the group consisting of oxetane, tetrahydrofuran, tetrahydropyran, oxepane, azetidine, pyrrolidine, piperidine and

azepane; wherein said 5 to 6 membered heteroaryl is selected from the group consisting of pyrrole, pyrazole, imidazole, thiophene, thiazole, oxazole, triazole, pyridine, pyrimidine, pyrazine, pyridazine; wherein said C₆ aryl is phenyl; and wherein R^{Cy} is optionally substituted with from 1 to 5 R^{RCy} substituents selected from, F, Cl, Br, I, -NH₂, -OH, -CN, -NO₂, =O, -SF₅, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy, C₁₋₄ (halo)alkyl-C(=O)-, C₁₋₄ (halo)alkyl-S(O)₀₋₂-, C₁₋₄ (halo)alkyl-N(H)S(O)₀₋₂-, C₁₋₄ (halo)alkyl-S(O)₀₋₂N(H)-, (halo)alkyl-N(H)-S(O)₀₋₂N(H)-, C₁₋₄ (halo)alkyl-C(=O)N(H)-, C₁₋₄ (halo)alkyl-N(H)-C(=O)-, ((halo)alkyl)₂N-C(=O)-, C₁₋₄ (halo)alkyl-OC(=O)N(H)-, C₁₋₄ (halo)alkyl-OC(=O)N(H)-, (halo)alkyl-N(H)-C(=O)O-, ((halo)alkyl)₂N-C(=O)O-, C₁₋₄ alkylthio, C₁₋₄ alkylamino and C₁₋₄ dialkylamino.

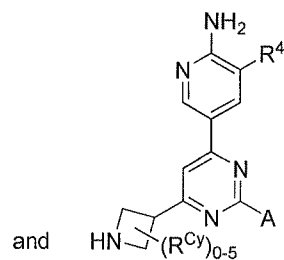
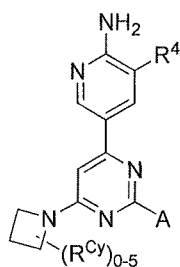
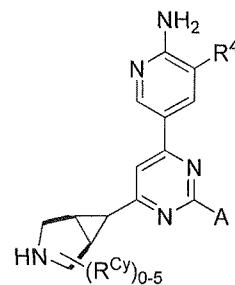
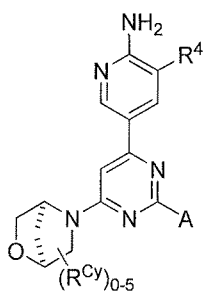
18. A compound of claim 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, or 17, wherein A is optionally substituted with 1 to 5 R^A substituents selected from the group consisting of F, Cl, Br, I, CN, CH₃O-, CH₃, cyclopropylmethyl, CF₃ and butyl.

19. A compound of claim 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, or 18, wherein said compound is selected from the subformula consisting of



20. A compound of claim 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, or 18, wherein said compound is selected from the subformula consisting of

20



wherein R^{Cy} if present replaces a hydrogen atom attached to a carbon or nitrogen atom of the Cy ring.

21. A compound of claim 1 selected from the group as set forth below

- 5 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
(±)-1-(3-(6-(6-amino-5-(difluoromethoxy)pyridin-3-yl)-2-cyclopropylpyrimidin-4-yl)-*cis*-3,6-diazabicyclo[3.2.0]heptan-6-yl)ethanone,
(±)-3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[1-(oxetan-3-yl)pyrrolidin-3-yl]pyrimidin-4-yl]pyridin-2-amine,
- 10 (±)-3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-(2-methyl-1-piperidyl)azetidin-1-yl]pyrimidin-4-yl]pyridin-2-amine,
(±)-3-(difluoromethoxy)-5-[2-(3-fluoro-3-methyl-pyrrolidin-1-yl)-6-(3-morpholino-*trans*-cyclobutyl)pyrimidin-4-yl]pyridin-2-amine,
- 15 (±)-3-(difluoromethoxy)-5-[2-[(*cis*-3,4-difluoropyrrolidin-1-yl)-6-[*trans*-3-morpholinocyclopentyl]pyrimidin-4-yl]pyridin-2-amine,
(±)-3-(difluoromethoxy)-5-[2-[(*cis*-3,4-difluoropyrrolidin-1-yl)-6-[*cis*-3-morpholinocyclopentyl]pyrimidin-4-yl]pyridin-2-amine,
(±)-3-(difluoromethoxy)-5-[2-*trans*-3,4-difluoropyrrolidin-1-yl]-6-(3-morpholinoazetidin-1-yl)pyrimidin-4-yl]pyridin-2-amine,
- 20 (±)-5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-(2-oxa-7-azaspiro[4.4]nonan-7-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,

- (±)-5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-(3-methoxypyrrolidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- (±)-5-[2-(azetidin-1-yl)-6-(2-methylmorpholin-4-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5 (±)-5-[2-(azetidin-1-yl)-6-(2-oxa-7-azaspiro[4.4]nonan-7-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- (±)-5-[2-(azetidin-1-yl)-6-(3-methoxypyrrolidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- (±)-5-[2-cyclopropyl-6-[6-(2-methoxyethyl)-*cis*-3,6-diazabicyclo[3.2.0]heptan-3-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 10 (±)-5-[2-cyclopropyl-6-[6-(oxetan-3-yl)-*cis*-3,6-diazabicyclo[3.2.0]heptan-3-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- (±)-5-[6-(*cis*-1,3,3a,4,6,6a-hexahydrofuro[3,4-*c*]pyrrol-5-yl)-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 15 (±)-5-[6-(*cis*-2,3,3a,4,6,6a-hexahydrofuro[2,3-*c*]pyrrol-5-yl)-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- (±)-5-[6-(*cis*-2,3,3a,4,6,6a-hexahydrofuro[2,3-*c*]pyrrol-5-yl)-2-(azetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- (±)-5-[6-cyclopropyl-4-(1-tetrahydrofuran-3-ylazetidin-3-yl)-2-pyridyl]-3-
- 20 (difluoromethoxy)pyridin-2-amine,
- (1*S*,4*S*)-5-(6-(6-amino-5-(difluoromethoxy)pyridin-3-yl)-2-((*R*)-3-fluoropyrrolidin-1-yl)pyrimidin-4-yl)-2-thia-5-azabicyclo[2.2.1]heptane 2,2-dioxide,
- (1*S*,4*S*)-5-(6-(6-amino-5-(difluoromethoxy)pyridin-3-yl)-2-((*S*)-3-fluoro-3-methylpyrrolidin-1-yl)pyrimidin-4-yl)-2-thia-5-azabicyclo[2.2.1]heptane 2,2-dioxide,
- 25 (1*S*,4*S*)-5-(6-(6-amino-5-(difluoromethoxy)pyridin-3-yl)-2-(3,3-difluoropyrrolidin-1-yl)pyrimidin-4-yl)-2-thia-5-azabicyclo[2.2.1]heptane 2,2-dioxide,
- [6-amino-5-(difluoromethoxy)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-3-azabicyclo[3.1.0]hexan-3-yl]-2-methyl-propan-2-ol,
- [6-amino-5-(difluoromethoxy)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-2,5-
- 30 diazabicyclo[2.2.1]heptan-2-yl]-2-methoxy-ethanone,
- 1-[(1*R*,5*S*)-6-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-3-azabicyclo[3.1.0]hexan-3-yl]ethanone,

- 1-[(1R,5S)-6-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-3-azabicyclo[3.1.0]hexan-3-yl]propan-1-one,
- 1-[(1R,5S)-6-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-cyclopropyl-pyrimidin-4-yl]-3-azabicyclo[3.1.0]hexan-3-yl]propan-1-one,
- 5 1-[(1R,5S)-6-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-cyclopropyl-pyrimidin-4-yl]-3-azabicyclo[3.1.0]hexan-3-yl]ethanone,
- 1-[(1R,5S)-6-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-cyclopropyl-pyrimidin-4-yl]-3-azabicyclo[3.1.0]hexan-3-yl]-2-methyl-propan-2-ol,
- 10 1-[(1R,5S)-6-[6-[6-amino-5-(trifluoromethoxy)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-3-azabicyclo[3.1.0]hexan-3-yl]-2-methyl-propan-2-ol,
- 1-[(1R,5S)-6-[6-[6-amino-5-(trifluoromethoxy)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-3-azabicyclo[3.1.0]hexan-3-yl]ethanone,
- 1-[(1R,5S)-6-[6-[6-amino-5-(trifluoromethyl)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-3-azabicyclo[3.1.0]hexan-3-yl]-2-methyl-propan-2-ol,
- 15 1-[(1R,5S)-6-[6-[6-amino-5-(trifluoromethyl)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-3-azabicyclo[3.1.0]hexan-3-yl]ethanone,
- 1-[(1S,4S)-5-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-2,5-diazabicyclo[2.2.1]heptan-2-yl]-2-methoxy-2-methyl-propan-1-one,
- 1-[(1S,4S)-5-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-2,5-diazabicyclo[2.2.1]heptan-2-yl]ethanone,
- 20 1-[(1S,4S)-5-[6-[6-amino-5-(trifluoromethyl)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-2,5-diazabicyclo[2.2.1]heptan-2-yl]ethanone,
- 1-[(1S,5R)-6-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-cyclopropyl-pyrimidin-4-yl]-3-azabicyclo[3.1.0]hexan-3-yl]propan-2-ol,
- 25 1-[1-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-(3,3-difluoropyrrolidin-1-yl)pyrimidin-4-yl]azetidin-3-yl]pyrrolidin-2-one,
- 1-[1-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-(3,3-difluoropyrrolidin-1-yl)pyrimidin-4-yl]azetidin-3-yl]piperidin-2-one,
- 1-[3-[2-[6-amino-5-(difluoromethoxy)-3-pyridyl]-6-cyclopropyl-4-pyridyl]azetidin-1-yl]-2-methyl-propan-2-ol,
- 30 1-[4-[6-amino-5-(difluoromethoxy)-3-pyridyl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-2-yl]-3-methyl-pyrrolidin-3-ol,

- 1-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]cyclobutanecarbonitrile,
- 1-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-cyclopropyl-pyrimidin-4-yl]-3-methyl-pyrrolidin-3-ol,
- 5 1-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-ethyl-pyrimidin-4-yl]-3-methyl-pyrrolidin-3-ol,
- 2-[2-[6-amino-5-(difluoromethoxy)-3-pyridyl]-6-cyclopropyl-4-pyridyl]-2-methyl-propanenitrile,
- 3-(difluoromethoxy)-5-(2-((S)-3-fluoro-3-methylpyrrolidin-1-yl)-6-((1S,4S)-7-fluoro-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl)pyrimidin-4-yl)pyridin-2-amine,
- 3-(difluoromethoxy)-5-(2-(3,3-difluoropyrrolidin-1-yl)-6-((1S,4S)-7-fluoro-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl)pyrimidin-4-yl)pyridin-2-amine,
- 10 3-(difluoromethoxy)-5-[2-(2,2-difluoro-3-methyl-cyclopropyl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(2-fluorocyclopropyl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 15 3-(difluoromethoxy)-5-[2-(2-methylazetidin-1-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(2-methylcyclopropyl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(2-oxa-7-azaspiro[3.4]octan-7-yl)-6-[(1S,4S)-2-thia-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 20 3-(difluoromethoxy)-5-[2-(3,3-difluoro-1-piperidyl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-(1,4-oxazepan-4-yl)pyrimidin-4-yl]pyridin-2-amine,
- 25 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-(3-morpholinoazetidin-1-yl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-(3-morpholino-*cis*-cyclobutyl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-(3-morpholino-*trans*-cyclobutyl)pyrimidin-4-yl]pyridin-2-amine,
- 30 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-(3-pyrazol-1-ylazetidin-1-yl)pyrimidin-4-yl]pyridin-2-amine,

- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-(3-pyrrolidin-1-ylazetidin-1-yl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-(6-oxa-3-azabicyclo[3.1.1]heptan-3-yl)pyrimidin-4-yl]pyridin-2-amine,
- 5 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[(1R,4R)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-(1,4-oxazepan-4-yl)azetidin-1-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-(1-piperidyl)azetidin-1-yl]pyrimidin-4-yl]pyridin-2-amine,
- 10 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-(2,2-dimethylmorpholin-4-yl)azetidin-1-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-(3,3-difluoropyrrolidin-1-yl)azetidin-1-yl]pyrimidin-4-yl]pyridin-2-amine,
- 15 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-(3-fluoroazetidin-1-yl)azetidin-1-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-(4-fluoro-1-piperidyl)azetidin-1-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-(dimethylamino)azetidin-1-yl]pyrimidin-4-yl]pyridin-2-amine,
- 20 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]azetidin-1-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrrolidin-1-yl]pyrimidin-4-yl]pyridin-2-amine,
- 25 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-*cis*-cyclobutyl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-*trans*-cyclobutyl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-[(3R)-3-fluoropyrrolidin-1-yl]azetidin-1-yl]pyrimidin-4-yl]pyridin-2-amine,
- 30 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-[(3S)-3-fluoropyrrolidin-1-yl]azetidin-1-yl]pyrimidin-4-yl]pyridin-2-amine,

- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-[methyl-[tetrahydrofuran-3-yl]amino]azetidin-1-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-morpholinopyrrolidin-1-yl]pyrimidin-4-yl]pyridin-2-amine,
- 5 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-morpholinocyclopentyl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[5-methoxy-2-azabicyclo[2.2.1]heptan-2-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-pyrazol-1-yl-pyrimidin-4-yl]pyridin-2-amine,
- 10 3-(difluoromethoxy)-5-[2-(3-fluoro-1-piperidyl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3-fluoro-2,5-dihydropyrrol-1-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 15 3-(difluoromethoxy)-5-[2-(3-fluoro-3-methyl-pyrrolidin-1-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3-fluoro-4-methyl-2,5-dihydropyrrol-1-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3-fluoroazetidin-1-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 20 3-(difluoromethoxy)-5-[2-(3-fluorocyclobutyl)-6-(3-morpholinoazetidin-1-yl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3-fluorocyclobutyl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 25 3-(difluoromethoxy)-5-[2-(3-fluoropyrrolidin-1-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3-methoxy-3-methyl-azetidin-1-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(3-methoxypyrrolidin-1-yl)-6-(2-oxa-5-azabicyclo[2.2.1]heptan-5-yl)pyrimidin-4-yl]pyridin-2-amine,
- 30 3-(difluoromethoxy)-5-[2-(4,4-difluoro-1-piperidyl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,

- 3-(difluoromethoxy)-5-[2-(4-fluoro-1-piperidyl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-(5-fluoro-2-azabicyclo[2.2.1]heptan-2-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 5 3-(difluoromethoxy)-5-[2-[(1R,2R)-2-fluorocyclopropyl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(1R,4R,5R)-5-fluoro-2-azabicyclo[2.2.1]heptan-2-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(1S,2S)-2-fluorocyclopropyl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 10 3-(difluoromethoxy)-5-[2-[(2R)-2-methylpyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(2R)-4,4-difluoro-2-methyl-pyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 15 3-(difluoromethoxy)-5-[2-[(2S)-2-(difluoromethyl)pyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(2S)-2-(fluoromethyl)pyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(2S)-2-methylpyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 20 3-(difluoromethoxy)-5-[2-[(3R)-3-fluoro-3-methyl-pyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(3R)-3-fluoro-3-methyl-pyrrolidin-1-yl]-6-(3-morpholinocyclobutyl)pyrimidin-4-yl]pyridin-2-amine,
- 25 3-(difluoromethoxy)-5-[2-[(3R)-3-fluoro-3-methyl-pyrrolidin-1-yl]-6-[(1R,4R)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(3R)-3-fluoropyrrolidin-1-yl]-6-(1,4-oxazepan-4-yl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(3R)-3-fluoropyrrolidin-1-yl]-6-(3-morpholinoazetidin-1-yl)pyrimidin-4-yl]pyridin-2-amine,
- 30 3-(difluoromethoxy)-5-[2-[(3R)-3-fluoropyrrolidin-1-yl]-6-[(1S,2R,4S)-2-oxido-2-thionia-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,

- 3-(difluoromethoxy)-5-[2-[(3R)-3-fluoropyrrolidin-1-yl]-6-[(1S,2S,4S)-2-oxido-2-thionia-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(3R)-3-fluoropyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 5 3-(difluoromethoxy)-5-[2-[(3R)-3-fluoropyrrolidin-1-yl]-6-[(1S,4S)-2-thia-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(3R,4S)-3,4-difluoropyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(3S)-3-fluoro-3-methyl-pyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 10 3-(difluoromethoxy)-5-[2-[(3S)-3-fluoro-3-methyl-pyrrolidin-1-yl]-6-(3-morpholinocyclobutyl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(3S)-3-fluoro-3-methyl-pyrrolidin-1-yl]-6-[(1R,4R)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 15 3-(difluoromethoxy)-5-[2-[(3S)-3-fluoro-3-methyl-pyrrolidin-1-yl]-6-[3-(1,4-oxazepan-4-yl)-*cis*-cyclobutyl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(3S)-3-fluoro-3-methyl-pyrrolidin-1-yl]-6-[3-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]cyclobutyl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(3S)-3-fluoropyrrolidin-1-yl]-6-(1,4-oxazepan-4-yl)pyrimidin-4-yl]pyridin-2-amine,
- 20 3-(difluoromethoxy)-5-[2-[(3S)-3-fluoropyrrolidin-1-yl]-6-(3-morpholinoazetidin-1-yl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(3S)-3-fluoropyrrolidin-1-yl]-6-[(1R,4R)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 25 3-(difluoromethoxy)-5-[2-[(3S)-3-fluoropyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(3S)-3-fluoropyrrolidin-1-yl]-6-[(1S,4S)-2-thia-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[(3S)-3-fluoropyrrolidin-1-yl]-6-[*cis*-3-morpholinocyclopentyl]pyrimidin-4-yl]pyridin-2-amine,
- 30 3-(difluoromethoxy)-5-[2-[(3S)-3-fluoropyrrolidin-1-yl]-6-[*trans*-3-morpholinocyclopentyl]pyrimidin-4-yl]pyridin-2-amine,

- 3-(difluoromethoxy)-5-[2-[2-methylcyclopropyl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[3-(difluoromethyl)azetidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 5 3-(difluoromethoxy)-5-[2-[3-(difluoromethyl)pyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[3,3-difluoro-4-methyl-pyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[3-ethyl-3-fluoro-pyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 10 3-(difluoromethoxy)-5-[2-[3-fluoro-3-(methoxymethyl)pyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[3-fluoro-3-methyl-pyrrolidin-1-yl]-6-(1,4-oxazepan-4-yl)pyrimidin-4-yl]pyridin-2-amine,
- 15 3-(difluoromethoxy)-5-[2-[3-fluoro-3-methyl-pyrrolidin-1-yl]-6-(3-morpholinoazetidin-1-yl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[3-fluoro-3-methyl-pyrrolidin-1-yl]-6-[1-(oxetan-3-yl)azetidin-3-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[3-fluorocyclopentyl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 20 3-(difluoromethoxy)-5-[2-[3-methylpyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[5-fluoro-2-azabicyclo[2.2.1]heptan-2-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 25 3-(difluoromethoxy)-5-[2-[*cis*-3,4-difluoropyrrolidin-1-yl]-6-[(1R,4R)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[*cis*-3,4-difluoropyrrolidin-1-yl]-6-morpholino-pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-[*cis*-3-fluoro-4-methyl-pyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 30 3-(difluoromethoxy)-5-[2-[tetrahydrofuran-3-yl]-6-[(1S,4S)-2-thia-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,

- 3-(difluoromethoxy)-5-[2-*cis*-3,4-difluoropyrrolidin-1-yl]-6-(3-morpholinoazetidin-1-yl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-ethyl-6-(3-fluoroazetidin-1-yl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-ethyl-6-(3-methoxy-3-methyl-azetidin-1-yl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-ethyl-6-(3-methoxyazetidin-1-yl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-ethyl-6-[(1R,5S)-3-[tetrahydrofuran-3-yl]-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-ethyl-6-[(1S,5R)-3-morpholino-6-bicyclo[3.1.0]hexanyl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-ethyl-6-[3-(2-methoxyethyl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-ethyl-6-[3-(oxetan-3-yl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-isopropyl-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-norbornan-1-yl-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[2-norbornan-2-yl-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[6-[(1R,4R)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-pyrrolidin-1-yl-pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-pyrrolidin-1-yl-pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-(2,2,2-trifluoro-1-methyl-ethyl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-(2,2,2-trifluoroethyl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-[5-(trifluoromethyl)-1,4-dihydropyrazol-5-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-(2-oxa-7-azaspiro[3.4]octan-7-yl)pyrimidin-4-yl]pyridin-2-amine,

- 3-(difluoromethoxy)-5-[6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-[1-(trifluoromethyl)cyclopropyl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-(2-oxa-7-azaspiro[4.4]nonan-7-yl)pyrimidin-4-yl]pyridin-2-amine,
- 5 3-(difluoromethoxy)-5-[6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-(2-oxa-7-azaspiro[3.5]nonan-7-yl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-(6-oxa-2-azaspiro[3.4]octan-2-yl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-(6-oxa-2-azaspiro[3.5]nonan-2-yl)pyrimidin-4-yl]pyridin-2-amine,
- 10 3-(difluoromethoxy)-5-[6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-(7-oxa-2-azaspiro[3.5]nonan-2-yl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-[tetrahydrofuran-3-yl]pyrimidin-4-yl]pyridin-2-amine,
- 15 3-(difluoromethoxy)-5-[6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-tetrahydropyran-4-yl]pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-(2-pyridyl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[6-[(3S)-3-fluoropyrrolidin-1-yl]-4-[1-(oxetan-3-yl)azetidin-3-yl]-2-pyridyl]pyridin-2-amine,
- 20 3-(difluoromethoxy)-5-[6-[3-(4,4-difluoro-1-piperidyl)azetidin-1-yl]-2-(3,3-difluoropyrrolidin-1-yl)pyrimidin-4-yl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[6-[3-fluoro-3-methyl-pyrrolidin-1-yl]-4-[1-(oxetan-3-yl)azetidin-3-yl]-2-pyridyl]pyridin-2-amine,
- 25 3-(difluoromethoxy)-5-[6-ethyl-4-[(1R,5S)-3-(2-methoxyethyl)-3-azabicyclo[3.1.0]hexan-6-yl]-2-pyridyl]pyridin-2-amine,
- 3-(difluoromethoxy)-5-[6-ethyl-4-[(1R,5S)-3-(oxetan-3-yl)-3-azabicyclo[3.1.0]hexan-6-yl]-2-pyridyl]pyridin-2-amine,
- 3-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-(3,3-difluoropyrrolidin-1-yl)pyrimidin-4-yl]cyclobutanol,
- 30 5-(2-(2-azabicyclo[2.1.1]hexan-2-yl)-6-((1S,4S)-7-fluoro-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl)pyrimidin-4-yl)-3-(difluoromethoxy)pyridin-2-amine,

- 5-(2,6-bis(3-fluoro-3-(methoxymethyl)pyrrolidin-1-yl)pyrimidin-4-yl)-3-(difluoromethoxy)pyridin-2-amine,
- 5-(5-((1R,5S,6s)-3-oxabicyclo[3.1.0]hexan-6-yl)-1-isopropyl-1H-pyrazol-3-yl)-3-fluoro-1H-pyrrolo[2,3-b]pyridine,
- 5 5-(6-((1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl)-2-(3,3-difluoro-2-methylpyrrolidin-1-yl)pyrimidin-4-yl)-3-(difluoromethoxy)pyridin-2-amine,
- 5-(6-((1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl)-2-(thiazol-2-yl)pyrimidin-4-yl)-3-(difluoromethoxy)pyridin-2-amine,
- 5-(6-(6-oxa-2-azabicyclo[3.2.1]octan-2-yl)-2-(3,3-difluoropyrrolidin-1-yl)pyrimidin-4-yl)-3-(difluoromethoxy)pyridin-2-amine,
- 10 5-[2-(2,2-difluorocyclopropyl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(2,2-difluoroethyl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 15 5-[2-(2,3,3a,4,6,6a-hexahydrofuro[2,3-c]pyrrol-5-yl)-6-(2-oxa-5-azabicyclo[2.2.1]heptan-5-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(2-azaspiro[3.3]heptan-2-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(3,3-difluoroazetidin-1-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 20 5-[2-(3,3-difluorocyclobutyl)-6-(3-morpholinoazetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(3,3-difluorocyclobutyl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 25 5-[2-(3,3-difluoropyrrolidin-1-yl)-6-(3-morpholinoazetidin-1-yl)pyrimidin-4-yl]-3-(trifluoromethoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-(1,4-oxazepan-4-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-(2-methylimidazol-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 30 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-(2-oxa-7-azaspiro[3.4]octan-7-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,

- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-(2-oxa-7-azaspiro[3.5]nonan-7-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-(3-azabicyclo[3.1.0]hexan-3-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-(3-ethoxy-3-methyl-azetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-(3-methoxyazetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-(3-morpholinoazetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 10 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-(azetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1R,4R)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 15 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1R,5S)-3-(2,2,2-trifluoroethyl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine ,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1R,5S)-3-(2-methoxyethyl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(trifluoromethoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1R,5S)-3-(2-methoxyethyl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(trifluoromethyl)pyridin-2-amine,
- 20 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1R,5S)-3-(2-methoxyethyl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1R,5S)-3-(oxetan-3-yl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 25 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1R,5S)-3-(oxetan-3-yl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(trifluoromethyl)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1R,5S)-3-(oxetan-3-yl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(trifluoromethoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1R,5S)-3-oxabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 30 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1R,5S)-3-oxabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(trifluoromethoxy)pyridin-2-amine,

- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-cyclopropyl-pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-isopropoxy-pyridin-2-amine,
- 5 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(trifluoromethoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 10 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(trifluoromethyl)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(cyclopropoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1S,4S)-5-(2-methoxyethyl)-2,5-diazabicyclo[2.2.1]heptan-2-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 15 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1S,4S)-5-(2-methoxyethyl)-2,5-diazabicyclo[2.2.1]heptan-2-yl]pyrimidin-4-yl]-3-(trifluoromethyl)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1S,4S)-5-(2-methoxyethyl)-2,5-diazabicyclo[2.2.1]heptan-2-yl]pyrimidin-4-yl]-3-(trifluoromethoxy)pyridin-2-amine,
- 20 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1S,5R)-3-(1-methylimidazol-2-yl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[(1S,5R)-3-thiazol-2-yl-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-[3-morpholinopyrrolidin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 25 5-[2-(3-azabicyclo[2.1.1]hexan-3-yl)-6-morpholino-pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[2.2.1]heptan-3-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(3-azabicyclo[3.1.0]hexan-3-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 30 5-[2-(4-azaspiro[2.4]heptan-4-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,

- 5-[2-(4-bicyclo[2.2.2]octanyl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(5,5-difluoro-2-azabicyclo[2.2.1]heptan-2-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5 5-[2-(5,5-difluoro-3-azabicyclo[2.2.1]heptan-3-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(5-azaspiro[2.4]heptan-5-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(6,6-dichloro-3-azabicyclo[3.1.0]hexan-3-yl)-6-(3,3-difluoropyrrolidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 10 5-[2-(6,6-dichloro-3-azabicyclo[3.1.0]hexan-3-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(6,6-difluoro-3-azabicyclo[3.2.0]heptan-3-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 15 5-[2-(azetidin-1-yl)-6-(2-oxa-7-azaspiro[3.5]nonan-7-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(azetidin-1-yl)-6-(3-methoxy-3-methyl-azetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(azetidin-1-yl)-6-(3-methoxyazetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-
- 20 amine,
- 5-[2-(azetidin-1-yl)-6-(6-oxa-2-azaspiro[3.4]octan-2-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(azetidin-1-yl)-6-[(1R,4R)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 25 5-[2-(azetidin-1-yl)-6-[(1R,5S)-3-(2-methoxyethyl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(azetidin-1-yl)-6-[(1R,5S)-3-(oxetan-3-yl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(azetidin-1-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-
- 30 (difluoromethoxy)pyridin-2-amine,
- 5-[2-(azetidin-1-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(trifluoromethyl)pyridin-2-amine,

- 5-[2-(azetidin-1-yl)-6-[(1S,4S)-2-thia-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(azetidin-1-yl)-6-[(3R)-3-fluoropyrrolidin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5 5-[2-(azetidin-1-yl)-6-[(3S)-3-fluoropyrrolidin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(azetidin-1-yl)-6-[*cis*-3,4-difluoropyrrolidin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-(*cis*-2,3,3a,4,6,6a-hexahydrofuro[2,3-c]pyrrol-5-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(trifluoromethoxy)pyridin-2-amine,
- 10 5-[2-(*cis*-2,3,3a,4,6,6a-hexahydrofuro[2,3-c]pyrrol-5-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(trifluoromethyl)pyridin-2-amine,
- 5-[2,6-bis(azetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-[(2,2-difluorocyclopropyl)methyl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 15 5-[2-[(3aS,6aR)-1,3,3a,4,6,6a-hexahydrofuro[3,4-c]pyrrol-5-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-[(3R)-3-fluoro-3-methyl-pyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(trifluoromethyl)pyridin-2-amine,
- 20 5-[2-[(3S)-3-fluoro-3-methyl-pyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(trifluoromethyl)pyridin-2-amine,
- 5-[2-[(3S)-3-fluoropyrrolidin-1-yl]-6-(3-morpholinoazetidin-1-yl)pyrimidin-4-yl]-3-(trifluoromethoxy)pyridin-2-amine,
- 5-[2-[(3S)-3-fluoropyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(trifluoromethyl)pyridin-2-amine,
- 25 5-[2-[1-cyclopropylethyl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-[2,2-difluoro-5-azaspiro[2.4]heptan-5-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 30 5-[2-[2,2-difluorocyclopropyl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-[3,3-difluorocyclopentyl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,

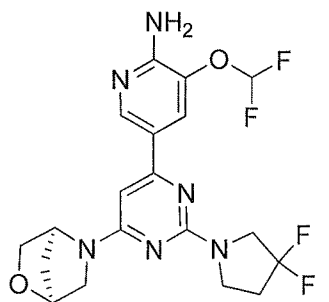
- 5-[2-[3-azabicyclo[2.2.1]heptan-3-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-[3-fluoro-3-methyl-pyrrolidin-1-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(trifluoromethoxy)pyridin-2-amine,
- 5 5-[2-[5,5-difluoro-3-azabicyclo[2.2.1]heptan-3-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-[*cis*-2-azabicyclo[3.1.0]hexan-2-yl]-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 10 5-[2-cyclobutyl-6-(3-morpholinoazetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclobutyl-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopentyl-6-(3-morpholinoazetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 15 5-[2-cyclopentyl-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-(1-cyclopropylpyrazol-4-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-(1-ethylpyrazol-4-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 20 5-[2-cyclopropyl-6-(2-methylimidazol-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-(3-fluoroazetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-(3-methoxy-3-methyl-azetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-(3-methoxyazetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 25 5-[2-cyclopropyl-6-(3-morpholinoazetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-[(1R,5S)-3-(2,2,2-trifluoroethyl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-[(1R,5S)-3-(2-methoxyethyl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 30 5-[2-cyclopropyl-6-[(1R,5S)-3-(oxetan-3-yl)-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,

- 5-[2-cyclopropyl-6-[(1R,5S)-3-[tetrahydrofuran-3-yl]-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(trifluoromethoxy)pyridin-2-amine,
- 5 5-[2-cyclopropyl-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-[(1S,4S)-2-thia-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-[(1S,4S)-5-(2,2-difluoroethyl)-2,5-diazabicyclo[2.2.1]heptan-2-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 10 5-[2-cyclopropyl-6-[(1S,4S)-5-(2-methoxyethyl)-2,5-diazabicyclo[2.2.1]heptan-2-yl]pyrimidin-4-yl]-3-(trifluoromethyl)pyridin-2-amine,
- 5-[2-cyclopropyl-6-[(1S,4S)-5-(2-methoxyethyl)-2,5-diazabicyclo[2.2.1]heptan-2-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 15 5-[2-cyclopropyl-6-[(1S,4S)-5-(2-methoxyethyl)-2,5-diazabicyclo[2.2.1]heptan-2-yl]pyrimidin-4-yl]-3-(trifluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-[(1S,5R)-3-[(2S)-2-methoxypropyl]-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-[(1S,5R)-3-[(3-methyloxetan-3-yl)methyl]-3-azabicyclo[3.1.0]hexan-6-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 20 5-[2-cyclopropyl-6-[(1S,5R)-3-morpholino-6-bicyclo[3.1.0]hexanyl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-[(3R)-3-fluoropyrrolidin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 25 5-[2-cyclopropyl-6-[(3S)-3-fluoropyrrolidin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-[1-(2-methoxyethyl)-4-piperidyl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-[1-(oxetan-3-yl)-4-piperidyl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 30 5-[2-cyclopropyl-6-[1-(oxetan-3-yl)azetidin-3-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,

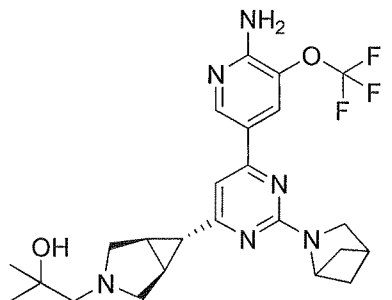
- 5-[2-cyclopropyl-6-[2-methyl-4-(oxetan-3-yl)piperazin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine
- 5-[2-cyclopropyl-6-[3-(2-methoxyethyl)-3-azabicyclo[3.3.1]nonan-7-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5 5-[2-cyclopropyl-6-[3-(oxetan-3-yl)-3-azabicyclo[3.3.1]nonan-7-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-[3-methyl-4-(oxetan-3-yl)piperazin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-[3-morpholinopyrrolidin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 10 5-[2-cyclopropyl-6-[4-(2-methoxyethyl)-2-methyl-piperazin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-cyclopropyl-6-[4-(2-methoxyethyl)-3-methyl-piperazin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 15 5-[2-cyclopropyl-6-[6-(oxetan-3-yl)-3,6-diazabicyclo[3.1.1]heptan-3-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[2-tert-butyl-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[6-(3-azabicyclo[2.1.1]hexan-3-yl)-4-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-2-pyridyl]-3-(difluoromethoxy)pyridin-2-amine,
- 20 5-[6-(3-azabicyclo[2.1.1]hexan-3-yl)-4-[1-(oxetan-3-yl)azetidin-3-yl]-2-pyridyl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[6-(3-fluoroazetidin-1-yl)-4-[1-(oxetan-3-yl)-4-piperidyl]-2-pyridyl]-3-(trifluoromethyl)pyridin-2-amine,
- 25 5-[6-(3-methoxyazetidin-1-yl)-4-[1-(oxetan-3-yl)-4-piperidyl]-2-pyridyl]-3-(trifluoromethyl)pyridin-2-amine,
- 5-[6-(azetidin-1-yl)-2-[(3S)-3-fluoropyrrolidin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[6-(azetidin-1-yl)-2-[*cis*-3,4-difluoropyrrolidin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 30 5-[6-(azetidin-1-yl)-2-cyclobutyl-pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[6-(azetidin-1-yl)-2-cyclopropyl-pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,

- 5-[6-(azetidin-1-yl)-4-[(1R,5S)-3-(oxetan-3-yl)-3-azabicyclo[3.1.0]hexan-6-yl]-2-pyridyl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[6-(azetidin-1-yl)-4-[1-(oxetan-3-yl)azetidin-3-yl]-2-pyridyl]-3-(difluoromethoxy)pyridin-2-amine,
- 5 5-[6-(*cis*-1,3,3a,4,6,6a-hexahydrofuro[3,4-c]pyrrol-5-yl)-2-(azetidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[6-[(1R,4S)-3-azabicyclo[2.2.1]heptan-3-yl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[6-[(1S,4S)-5-(2,2-difluoroethyl)-2,5-diazabicyclo[2.2.1]heptan-2-yl]-2-(3,3-difluoropyrrolidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 10 5-[6-[(1S,4S)-5-(2,2-difluoroethyl)-2,5-diazabicyclo[2.2.1]heptan-2-yl]-2-[3-fluoro-3-methylpyrrolidin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[6-[(8a)-3,4,6,7,8,8a-hexahydro-1H-pyrrolo[1,2-a]pyrazin-2-yl]-2-(3,3-difluoropyrrolidin-1-yl)pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 15 5-[6-[(8aR)-3,4,6,7,8,8a-hexahydro-1H-pyrrolo[1,2-a]pyrazin-2-yl]-2-[(3S)-3-fluoro-3-methylpyrrolidin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[6-[(8aS)-3,4,6,7,8,8a-hexahydro-1H-pyrrolo[1,2-a]pyrazin-2-yl]-2-[(3S)-3-fluoro-3-methylpyrrolidin-1-yl]pyrimidin-4-yl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[6-cyclopropyl-4-(3-morpholinoazetidin-1-yl)-2-pyridyl]-3-(difluoromethoxy)pyridin-2-amine,
- 20 5-[6-cyclopropyl-4-[(1R,5S)-3-(2-methoxyethyl)-3-azabicyclo[3.1.0]hexan-6-yl]-2-pyridyl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[6-cyclopropyl-4-[(1R,5S)-3-(oxetan-3-yl)-3-azabicyclo[3.1.0]hexan-6-yl]-2-pyridyl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[6-cyclopropyl-4-[1-(2-methoxyethyl)azetidin-3-yl]-2-pyridyl]-3-(difluoromethoxy)pyridin-2-amine,
- 25 amine,
- 5-[6-cyclopropyl-4-[1-(oxetan-3-yl)-4-piperidyl]-2-pyridyl]-3-(difluoromethoxy)pyridin-2-amine,
- 5-[6-cyclopropyl-4-[1-(oxetan-3-yl)pyrrolidin-3-yl]-2-pyridyl]-3-(difluoromethoxy)pyridin-2-amine,
- amine,
- and
- 30 6-cyclopropyl-5'-(difluoromethoxy)-4-(1-(oxetan-3-yl)azetidin-3-yl)-[2,3'-bipyridin]-6'-amine.

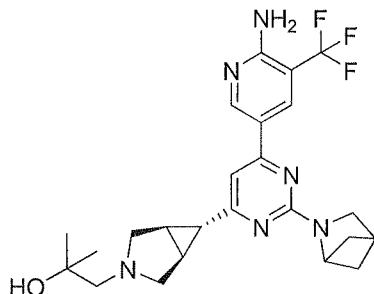
22. A compound according to any one of claims 1-21 that is 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine



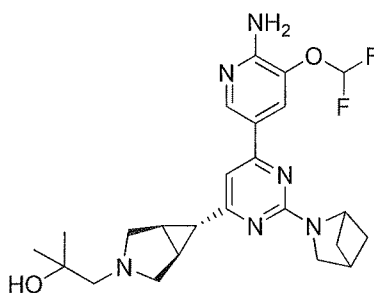
5 23. A compound according to any one of claims 1-21 that is 1-[(1R,5S)-6-[6-[6-amino-5-(trifluoromethoxy)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-3-azabicyclo[3.1.0]hexan-3-yl]-2-methyl-propan-2-ol



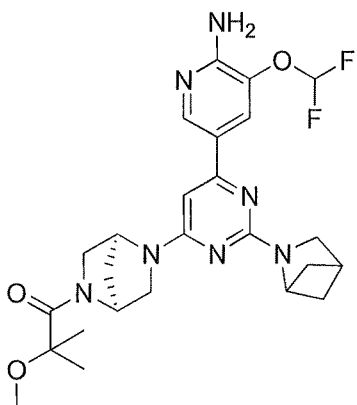
24. A compound according to any one of claims 1-21 that is 1-[(1R,5S)-6-[6-[6-amino-5-(trifluoromethyl)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-3-azabicyclo[3.1.0]hexan-3-yl]-2-methyl-propan-2-ol



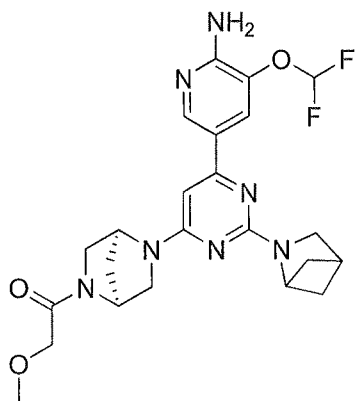
5 25. A compound according to any one of claims 1-21 that is [6-amino-5-(difluoromethoxy)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-3-azabicyclo[3.1.0]hexan-3-yl]-2-methyl-propan-2-ol



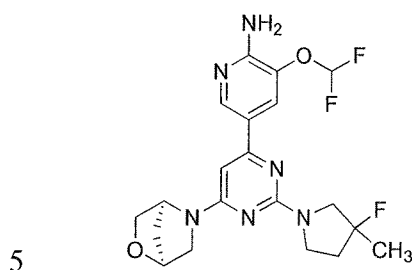
10 26. A compound according to any one of claims 1-21 that is 1-[(1S,4S)-5-[6-[6-amino-5-(difluoromethoxy)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-2,5-diazabicyclo[2.2.1]heptan-2-yl]-2-methoxy-2-methyl-propan-1-one



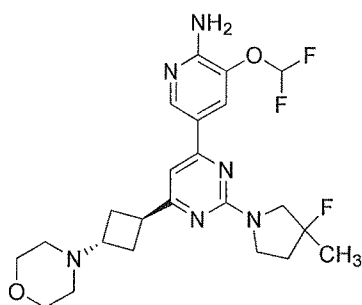
15 27. A compound according to any one of claims 1-21 that is [6-amino-5-(difluoromethoxy)-3-pyridyl]-2-(3-azabicyclo[2.1.1]hexan-3-yl)pyrimidin-4-yl]-2,5-diazabicyclo[2.2.1]heptan-2-yl]-2-methoxy-ethanone



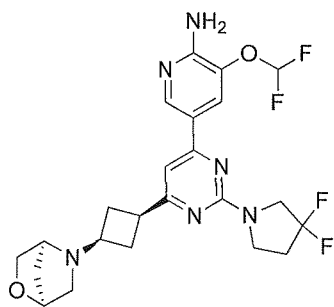
28. A compound according to any one of claims 1-21 that is 3-(difluoromethoxy)-5-[2-(3-fluoro-3-methyl-pyrrolidin-1-yl)-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine



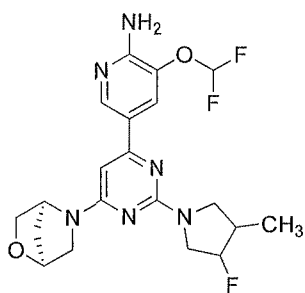
29. A compound according to any one of claims 1-21 that is (±)-3-(difluoromethoxy)-5-[2-(3-fluoro-3-methyl-pyrrolidin-1-yl)-6-(3-morpholino-*trans*-cyclobutyl)pyrimidin-4-yl]pyridin-2-amine



10 30. A compound according to any one of claims 1-21 that is 3-(difluoromethoxy)-5-[2-(3,3-difluoropyrrolidin-1-yl)-6-[3-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]-*cis*-cyclobutyl]pyrimidin-4-yl]pyridin-2-amine



31. A compound according to any one of claims 1-21 that is 3-(difluoromethoxy)-5-[2-[*cis*-3-fluoro-4-methyl-pyrrolidin-1-yl]-6-[(1*S*,4*S*)-2-oxa-5-azabicyclo[2.2.1]heptan-5-yl]pyrimidin-4-yl]pyridin-2-amine



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32. A pharmaceutical composition comprising a compound of claim 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, or 31, and a pharmaceutically acceptable carrier, diluent or excipient.

33. Use of a compound of Formula I-I or Formula I, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the inhibition or prevention of degeneration of a central nervous system (CNS) neuron in a patient having or at risk of developing a neurodegenerative disease or condition, wherein said neurodegenerative disease or condition is selected from the group consisting of: Alzheimer's disease, Huntington's disease, Parkinson's disease, Parkinson's-plus diseases, amyotrophic lateral sclerosis (ALS), ischemia, stroke, intracranial hemorrhage, cerebral hemorrhage, trigeminal neuralgia, glossopharyngeal neuralgia, Bell's Palsy, myasthenia gravis, muscular dystrophy, progressive muscular atrophy, primary lateral sclerosis (PLS), pseudobulbar palsy, progressive bulbar palsy, spinal muscular atrophy, inherited muscular atrophy, invertebrate disk syndromes, cervical spondylosis, plexus disorders, thoracic outlet destruction syndromes, peripheral neuropathies, porphyria, multiple system atrophy, progressive supranuclear palsy, corticobasal degeneration, dementia with Lewy bodies, frontotemporal dementia, demyelinating diseases, Guillain-Barré syndrome, multiple sclerosis, Charcot-Marie-Tooth disease, prion disease, Creutzfeldt-Jakob disease, Gerstmann-Sträussler-Scheinker syndrome (GSS), fatal familial insomnia (FFI), bovine spongiform encephalopathy, Pick's disease, epilepsy, AIDS demential complex, nerve

damage caused by exposure to toxic compounds selected from the group consisting of heavy metals, industrial solvents, drugs and chemotherapeutic agents; injury to the nervous system caused by physical, mechanical or chemical trauma, glaucoma, lattice dystrophy, retinitis pigmentosa, age-related macular degeneration (AMD), photoreceptor degeneration associated with wet or dry AMD, other retinal degeneration, optic nerve drusen, optic neuropathy and optic neuritis.

34. Use of a compound of Formula I-I or Formula I or a pharmaceutically acceptable salt thereof in the manufacture of a medicament for decreasing or preventing one or more symptoms of a neurodegenerative disease or condition in a patient suffering therefrom, wherein said neurodegenerative disease or condition is selected from the group consisting of: Alzheimer's disease, Huntington's disease, Parkinson's disease, Parkinson's-plus diseases, amyotrophic lateral sclerosis (ALS), ischemia, stroke, intracranial hemorrhage, cerebral hemorrhage, trigeminal neuralgia, glossopharyngeal neuralgia, Bell's Palsy, myasthenia gravis, muscular dystrophy, progressive muscular atrophy, primary lateral sclerosis (PLS), pseudobulbar palsy, progressive bulbar palsy, spinal muscular atrophy, inherited muscular atrophy, invertebrate disk syndromes, cervical spondylosis, plexus disorders, thoracic outlet destruction syndromes, peripheral neuropathies, porphyria, multiple system atrophy, progressive supranuclear palsy, corticobasal degeneration, dementia with Lewy bodies, frontotemporal dementia, demyelinating diseases, Guillain-Barré syndrome, multiple sclerosis, Charcot-Marie-Tooth disease, prion disease, Creutzfeldt-Jakob disease, Gerstmann-Sträussler-Scheinker syndrome (GSS), fatal familial insomnia (FFI), bovine spongiform encephalopathy, Pick's disease, epilepsy, AIDS demential complex, nerve damage caused by exposure to toxic compounds selected from the group consisting of heavy metals, industrial solvents, drugs and chemotherapeutic agents; injury to the nervous system caused by physical, mechanical or chemical trauma, glaucoma, lattice dystrophy, retinitis pigmentosa, age-related macular degeneration (AMD), photoreceptor degeneration associated with wet or dry AMD, other retinal degeneration, optic nerve drusen, optic neuropathy and optic neuritis.

35. Use of a compound of Formula I-I or Formula I or a pharmaceutically acceptable salt thereof in the manufacture of a medicament for decreasing the progression of a neurodegenerative disease or condition in a patient suffering therefrom, wherein said neurodegenerative disease or condition is selected from the group consisting of:

- 5 Alzheimer's disease, Huntington's disease, Parkinson's disease, Parkinson's-plus diseases, amyotrophic lateral sclerosis (ALS), ischemia, stroke, intracranial hemorrhage, cerebral hemorrhage, trigeminal neuralgia, glossopharyngeal neuralgia, Bell's Palsy, myasthenia gravis, muscular dystrophy, progressive muscular atrophy, primary lateral sclerosis (PLS), pseudobulbar palsy, progressive bulbar palsy, spinal muscular atrophy, inherited muscular
10 atrophy, invertebrate disk syndromes, cervical spondylosis, plexus disorders, thoracic outlet destruction syndromes, peripheral neuropathies, porphyria, multiple system atrophy, progressive supranuclear palsy, corticobasal degeneration, dementia with Lewy bodies, frontotemporal dementia, demyelinating diseases, Guillain-Barré syndrome, multiple sclerosis, Charcot-Marie-Tooth disease, prion disease, Creutzfeldt-Jakob disease,
15 Gerstmann-Sträussler-Scheinker syndrome (GSS), fatal familial insomnia (FFI), bovine spongiform encephalopathy, Pick's disease, epilepsy, AIDS demential complex, nerve damage caused by exposure to toxic compounds selected from the group consisting of heavy metals, industrial solvents, drugs and chemotherapeutic agents; injury to the nervous system caused by physical, mechanical or chemical trauma, glaucoma, lattice dystrophy,
20 retinitis pigmentosa, age-related macular degeneration (AMD), photoreceptor degeneration associated with wet or dry AMD, other retinal degeneration, optic nerve drusen, optic neuropathy and optic neuritis.

36. The use of claim 35, wherein the compound of Formula I-I or Formula I is in combination with one or more additional pharmaceutical agents.