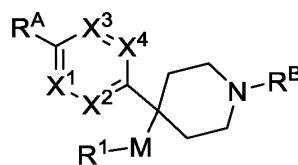


CLAIMS

WHAT IS CLAIMED IS:

1. A compound of Formula (I), or a pharmaceutically acceptable salt, or solvate thereof:



Formula (I)

wherein:

R^A is unsubstituted or substituted heteroaryl or unsubstituted or substituted aryl, wherein if R^A is substituted then R^A is substituted with 1, 2, 3 or 4 groups selected from R^a , R^b , and R^c ;

R^a , R^b , and R^c are independently selected from the group consisting of hydrogen, halogen, $-OR^4$, $-CN$, $-N(R^4)_2$, $-C(=O)R^7$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, unsubstituted or substituted C_1 - C_6 heteroalkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, unsubstituted or substituted C_2 - C_7 heterocycloalkyl, unsubstituted or substituted phenyl, and unsubstituted or substituted heteroaryl, wherein any substituted group of R^a , R^b , and R^c is substituted with one or more R^6 groups;

or one R^a and one R^b , when present on adjacent atoms of R^A , are taken together with the intervening atoms connecting R^a to R^b to form a 5- to 6-membered monocyclic carbocycle or 5- to 6-membered monocyclic heterocycle, wherein the carbocycle or heterocycle is unsubstituted or substituted with one or more R^6 groups;

wherein, if R^a , R^b , or R^c is attached to the N atom of a heteroaryl, then it is hydrogen, $-C(=O)R^7$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, unsubstituted or substituted C_1 - C_6 heteroalkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, or unsubstituted or substituted C_2 - C_7 heterocycloalkyl;

R^B is unsubstituted or substituted aryl or unsubstituted or substituted heteroaryl, wherein if R^B is substituted then R^B is substituted with 1, 2, 3 or 4 groups selected from R^d , R^e , and R^f ;

R^d , R^e , and R^f are independently selected from the group consisting of hydrogen, halogen, $-OR^4$, $-CN$, $-N(R^4)_2$, $-C(=O)R^7$, $-C(=O)N(R^4)_2$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, unsubstituted or substituted C_1 - C_6 heteroalkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, unsubstituted or substituted C_2 - C_7 heterocycloalkyl, unsubstituted or substituted phenyl, and

unsubstituted or substituted heteroaryl, wherein any substituted group of R^d , R^e , and R^f is substituted with one or more R^6 groups;

wherein, if R^d , R^e , or R^f is attached to the N atom of a heteroaryl, then it is hydrogen, -
 $C(=O)R^7$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, unsubstituted or substituted C_1 - C_6 heteroalkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, or unsubstituted or substituted C_2 - C_7 heterocycloalkyl;

X^1 is CR^{11} or N;

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

X^3 is CR^{13} or N;

X^4 is CR^{14} or N;

R^{11} , R^{12} , R^{13} , and R^{14} are each independently hydrogen, halogen, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, unsubstituted or substituted C_1 - C_6 heteroalkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, -CN, -
 OR^4 , - SR^4 , - CO_2R^4 , - $C(=O)N(R^4)_2$, or - $N(R^4)_2$;

M is - $C(=O)$ -, - NR^3 -, -O-, -S-, - SO_2 -, *- NR^3 -($C=O$)-, *-($C=O$)- NR^3 -, *-O-($C=O$)- NR^3 -, *-
 NR^3 -($C=O$)O-, - NR^3 -($C=O$)- NR^3 -, *- NR^3 (SO_2)-, *- SO_2NR^3 -, or 5-membered heterocycle, wherein * indicates the attachment point to R^1 ;

R^1 is unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, unsubstituted or substituted C_1 - C_6 heteroalkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, unsubstituted or substituted C_2 - C_7 heterocycloalkyl, unsubstituted or substituted -(C_1 - C_6 alkyl)-(C_3 - C_6 cycloalkyl), or unsubstituted or substituted -(C_1 - C_6 alkyl)-(C_2 - C_7 heterocycloalkyl), wherein any substituted group of R^1 is substituted with one or more halogen, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted monocyclic heterocycle, - $N(R^4)_2$, - OR^5 , -CN, - CO_2R^5 , -
 $C(=O)N(R^4)_2$, - SR^5 , - $S(=O)R^7$, - $S(=O)_2R^7$, - $NR^4C(=O)R^5$, - $NR^4SO_2R^7$, - SO_2R^7 , or -
 $SO_2N(R^4)_2$;

each R^3 is independently hydrogen, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, or unsubstituted or substituted C_2 - C_7 heterocycloalkyl;

each R^4 is independently selected from the group consisting of hydrogen, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, unsubstituted or substituted aryl, and unsubstituted or substituted heteroaryl;

or two R^4 are taken together with the nitrogen atom to which they are attached to form an unsubstituted or substituted 3- to 6-membered monocyclic heterocycle;

each R^5 is independently selected from the group consisting of hydrogen, substituted C_1 - C_6 alkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, unsubstituted or substituted aryl, and unsubstituted or substituted heteroaryl;

each R^6 is independently hydrogen, halogen, unsubstituted or substituted C_1 - C_4 alkyl, unsubstituted or substituted C_1 - C_4 alkoxy, unsubstituted or substituted C_1 - C_4 fluoroalkyl, unsubstituted or substituted C_1 - C_4 fluoroalkoxy, unsubstituted or substituted monocyclic carbocycle, unsubstituted or substituted monocyclic heterocycle, $-\text{CN}$, $-\text{OH}$, $-\text{CO}_2R^5$, $-\text{CH}_2\text{CO}_2R^5$, $-\text{C}(=\text{O})\text{N}(\text{R}^4)_2$, $-\text{C}(=\text{O})\text{N}(\text{R}^4)\text{OR}^5$, $-\text{CH}_2\text{C}(=\text{O})\text{N}(\text{R}^4)_2$, $-\text{N}(\text{R}^4)_2$, $-\text{CH}_2\text{N}(\text{R}^4)_2$, $-\text{C}(\text{R}^5)_2\text{N}(\text{R}^4)_2$, $-\text{NR}^4\text{C}(=\text{O})\text{R}^5$, $-\text{CH}_2\text{NR}^4\text{C}(=\text{O})\text{R}^5$, $-\text{NR}^4\text{C}(=\text{O})\text{N}(\text{R}^5)_2$, $-\text{NR}^4\text{C}(=\text{O})\text{N}(\text{R}^4)_2$, $\text{C}(\text{R}^5)=\text{N}(\text{R}^4)-\text{OR}^5$, $-\text{SR}^5$, $-\text{S}(=\text{O})\text{R}^7$, $-\text{SO}_2\text{R}^7$, or $-\text{SO}_2\text{N}(\text{R}^4)_2$; and

each R^7 is independently selected from the group consisting substituted C_1 - C_6 alkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, unsubstituted or substituted phenyl, and unsubstituted or substituted heteroaryl.

2. The compound of claim 1, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

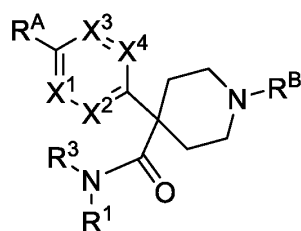
M is $-\text{NR}^3$ -, $-\text{O}$ -, $^*\text{-NR}^3\text{-(C=O)-}$, $^*\text{-(C=O)-NR}^3$ -, $^*\text{-O-(C=O)NR}^3$ -, $^*\text{-NR}^3\text{-(C=O)O-}$, or $-\text{NR}^3\text{-(C=O)NR}^3$ -, wherein * indicates the attachment point to R^1 ; and

each R^3 is independently hydrogen, $-\text{CH}_3$, $-\text{CH}_2\text{CH}_3$, $-\text{CH}_2\text{CH}_2\text{CH}_3$, or $-\text{CH}(\text{CH}_3)_2$.

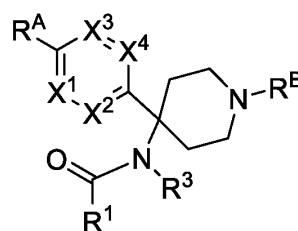
3. The compound of any one of claims 1-2, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

M is $^*\text{-NR}^3\text{-(C=O)-}$ or $^*\text{-(C=O)-NR}^3$ -, wherein * indicates the attachment point to R^1 ; and R^3 is hydrogen.

4. The compound of claim 1, or a pharmaceutically acceptable salt, or solvate thereof, wherein the compound has the structure of Formula (IIa) or Formula (IIb), or a pharmaceutically acceptable salt thereof:



Formula (IIa)



Formula (IIb).

5. The compound of any one of claims 1-4, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^A is unsubstituted or substituted monocyclic 6-membered heteroaryl, unsubstituted or substituted phenyl, or unsubstituted or substituted monocyclic 5-membered heteroaryl, wherein if R^A is substituted then R^A is substituted with 1, 2, 3 or 4 groups selected from R^a , R^b , and R^c .

6. The compound of any one of claims 1-5, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^A is unsubstituted or substituted monocyclic 6-membered heteroaryl or unsubstituted or substituted phenyl, wherein if R^A is substituted then R^A is substituted with 1, 2, 3 or 4 groups selected from R^a , R^b , and R^c .

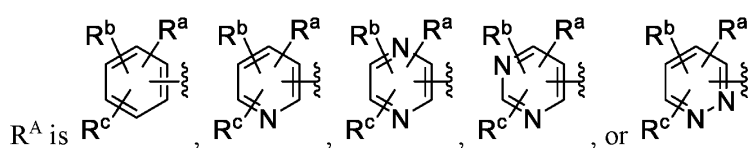
7. The compound of any one of claims 1-6, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^A is unsubstituted or substituted pyridinyl, unsubstituted or substituted pyrimidinyl, unsubstituted or substituted pyrazinyl, or unsubstituted or substituted pyridazinyl, or unsubstituted or substituted phenyl, wherein if R^A is substituted then R^A is substituted with 1, 2, 3 or 4 groups selected from R^a , R^b , and R^c .

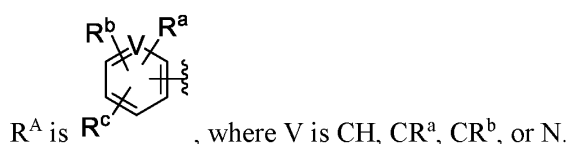
8. The compound of any one of claims 1-6, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^A is unsubstituted or substituted pyridinyl or unsubstituted or substituted phenyl, wherein if R^A is substituted then R^A is substituted with 1, 2, 3 or 4 groups selected from R^a , R^b , and R^c .

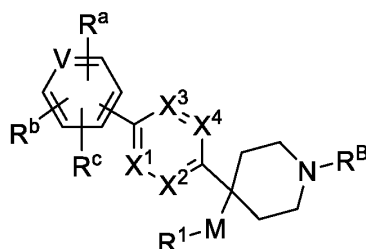
9. The compound of any one of claims 1-6, or a pharmaceutically acceptable salt, or solvate thereof, wherein:



10. The compound of any one of claims 1-6, or a pharmaceutically acceptable salt, or solvate thereof, wherein:



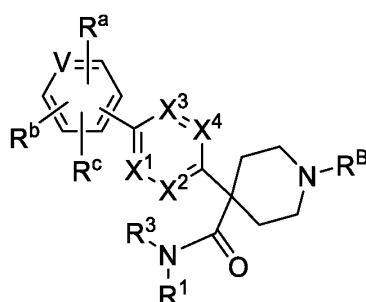
11. The compound of claim 1, or a pharmaceutically acceptable salt, or solvate thereof, wherein the compound has the structure of Formula (IV), or a pharmaceutically acceptable salt, or solvate thereof:



Formula (IV)

wherein V is CH, CR^a, CR^b, or N.

12. The compound of claim 11, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
M is *-NR³-(C=O)- or *-(C=O)-NR³-, wherein * indicates the attachment point to R¹; and R³ is hydrogen.
13. The compound of claim 11, or a pharmaceutically acceptable salt, or solvate thereof, wherein the compound has the structure of Formula (IVa), or a pharmaceutically acceptable salt, or solvate thereof:

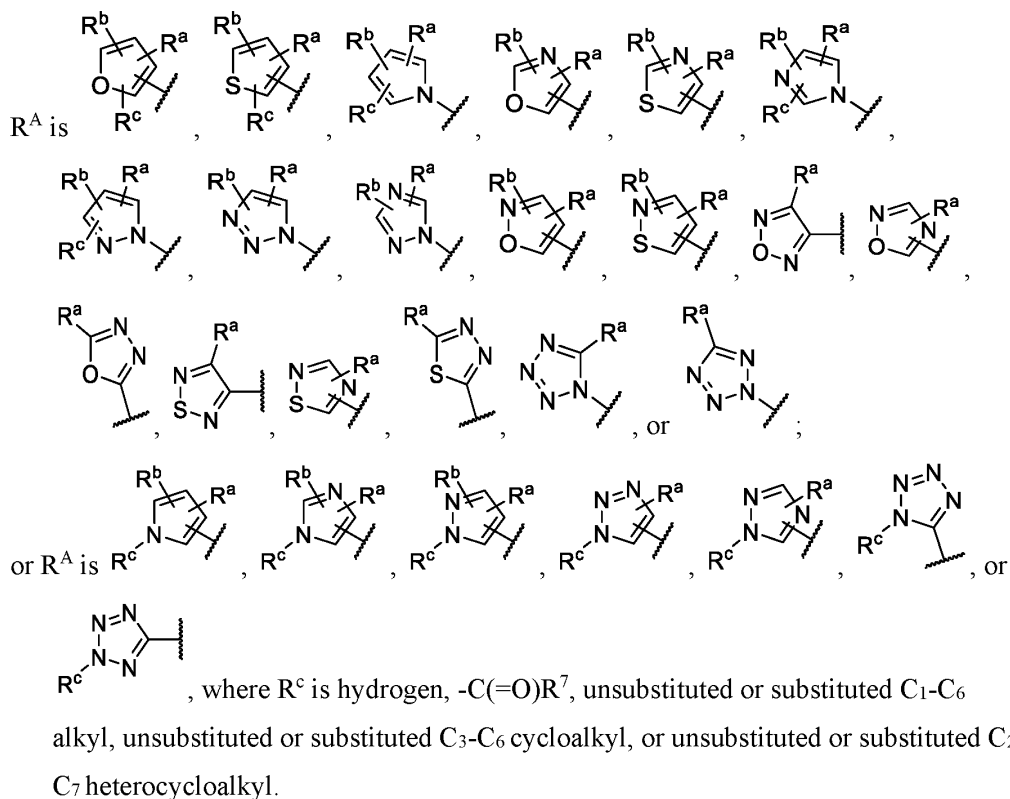


Formula (IVa)

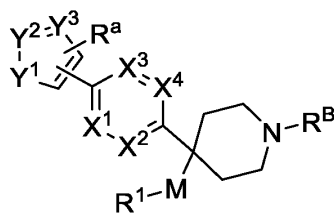
wherein V is CH, CR^a, CR^b, or N.

14. The compound of any one of claims 1-5, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
R^A is unsubstituted or substituted monocyclic 5-membered heteroaryl, wherein if R^A is substituted then R^A is substituted with 1, 2, or 3 groups selected from R^a, R^b, and R^c.
15. The compound of claim 14, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
R^A is unsubstituted or substituted furanyl, unsubstituted or substituted thienyl, or unsubstituted or substituted pyrrolyl, wherein if R^A is substituted then R^A is substituted with 1, 2, or 3 groups selected from R^a, R^b, and R^c.

16. The compound of claim 14, or a pharmaceutically acceptable salt, or solvate thereof, wherein:



17. The compound of claim 1, or a pharmaceutically acceptable salt, or solvate thereof, wherein the compound has the structure of Formula (III), or a pharmaceutically acceptable salt, or solvate thereof:



Formula (III)

wherein:

Y^1 is NR^c , O, or S;

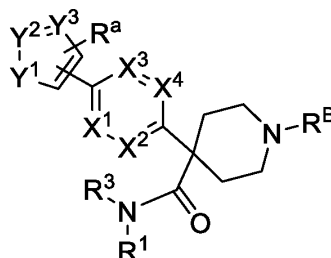
Y^2 and Y^3 are independently CH, CR^a , CR^b , or N; and

R^c is hydrogen, $-C(=O)R^7$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, or unsubstituted or substituted C_2 - C_7 heterocycloalkyl.

18. The compound of claim 17, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

M is $^*\text{-NR}^3\text{-(C=O)-}$ or $^*\text{-(C=O)-NR}^3\text{-}$, wherein * indicates the attachment point to R^1 ; and R^3 is hydrogen.

19. The compound of claim 17, or a pharmaceutically acceptable salt, or solvate thereof, wherein the compound has the structure of Formula (IIIa), or a pharmaceutically acceptable salt, or solvate thereof:



Formula (IIIa)

wherein:

Y^1 is NR^c , O, or S;

Y^2 and Y^3 are independently CH, CR^a , CR^b , or N; and

R^c is hydrogen, $-\text{C(=O)R}^7$, unsubstituted or substituted $\text{C}_1\text{-C}_6$ alkyl, unsubstituted or substituted $\text{C}_3\text{-C}_6$ cycloalkyl, or unsubstituted or substituted $\text{C}_2\text{-C}_7$ heterocycloalkyl.

20. The compound of any one of claims 1-4, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^A is unsubstituted or substituted bicyclic 9- to 10-membered heteroaryl, wherein if R^A is substituted then R^A is substituted with 1, 2, 3 or 4 groups selected from R^a , R^b , and R^c .

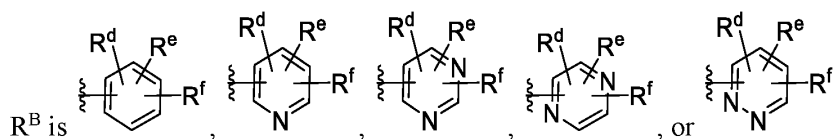
21. The compound of claim 20, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^A is unsubstituted or substituted quinolinyl, unsubstituted or substituted indolyl, unsubstituted or substituted indazolyl or unsubstituted or substituted benzofuranyl, wherein if R^A is substituted then R^A is substituted with 1, 2, 3 or 4 groups selected from R^a , R^b , and R^c .

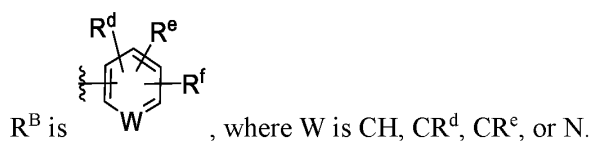
22. The compound of any one of claims 1-21, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^B is an unsubstituted or substituted phenyl, unsubstituted or substituted naphthyl, unsubstituted or substituted monocyclic 6-membered heteroaryl, unsubstituted or substituted monocyclic 5-membered heteroaryl, or unsubstituted or substituted bicyclic heteroaryl, wherein if R^B is substituted then R^B is substituted with 1, 2, 3 or 4 groups selected from R^d , R^e , and R^f .

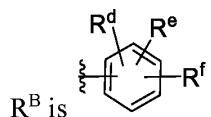
23. The compound of any one of claims 1-21, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
 R^B is an unsubstituted or substituted phenyl or unsubstituted or substituted monocyclic 6-membered heteroaryl, wherein if R^B is substituted then R^B is substituted with 1, 2, 3 or 4 groups selected from R^d , R^e , and R^f .
24. The compound of any one of claims 1-23, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
 R^B is unsubstituted or substituted phenyl, unsubstituted or substituted pyridinyl, unsubstituted or substituted pyrimidinyl, unsubstituted or substituted pyrazinyl, or unsubstituted or substituted pyridazinyl, wherein if R^B is substituted then R^B is substituted with 1, 2, 3 or 4 groups selected from R^d , R^e , and R^f .
25. The compound of any one of claims 1-23, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
 R^B is unsubstituted or substituted phenyl or unsubstituted or substituted pyridinyl, wherein if R^B is substituted then R^B is substituted with 1, 2, 3 or 4 groups selected from R^d , R^e , and R^f .
26. The compound of any one of claims 1-23, or a pharmaceutically acceptable salt, or solvate thereof, wherein:



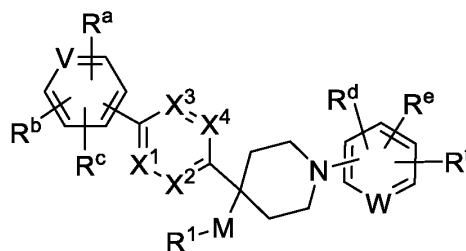
27. The compound of any one of claims 1-23, or a pharmaceutically acceptable salt, or solvate thereof, wherein:



28. The compound of any one of claims 1-27, or a pharmaceutically acceptable salt, or solvate thereof, wherein:



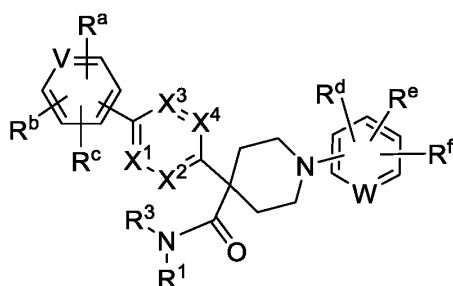
29. The compound of claim 1, or a pharmaceutically acceptable salt, or solvate thereof, wherein the compound has the structure of Formula (VI), or a pharmaceutically acceptable salt, or solvate thereof:



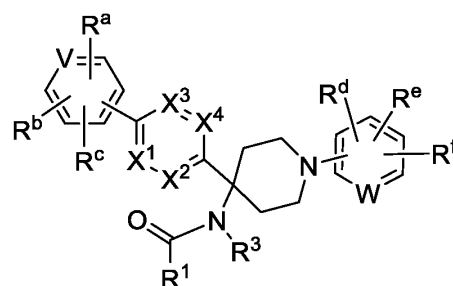
Formula (VI)

wherein V is CH, CR^a, CR^b, or N; and W is CH, CR^d, CR^e, or N.

30. The compound of claim 29, or a pharmaceutically acceptable salt, or solvate thereof, wherein the compound has the structure of Formula (VIa) or Formula (VIc), or a pharmaceutically acceptable salt, or solvate thereof:



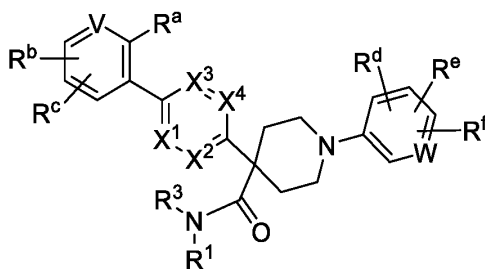
Formula (VIa)



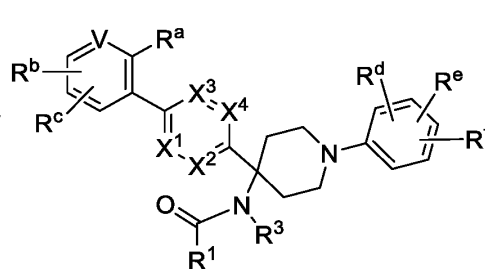
Formula (VIc)

wherein V is CH, CR^a, CR^b, or N; and W is CH, CR^d, CR^e, or N.

31. The compound of claim 29 or claim 30, or a pharmaceutically acceptable salt, or solvate thereof, wherein the compound has the structure of Formula (VIb) or Formula (VIe), or a pharmaceutically acceptable salt, or solvate thereof:



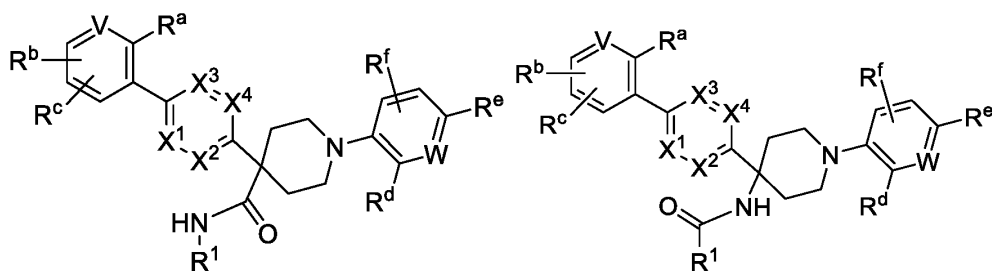
Formula (VIb)



Formula (VIe)

wherein V is CH, CR^a, CR^b, or N; and W is CH, CR^d, CR^e, or N.

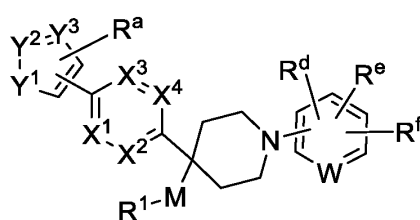
32. The compound of claim 29 or claim 30, or a pharmaceutically acceptable salt, or solvate thereof, wherein the compound has the structure of Formula (VIb) or Formula (VIe), or a pharmaceutically acceptable salt, or solvate thereof:



Formula (VIIb)

Formula (VIIe).

33. The compound of claim 1, or a pharmaceutically acceptable salt, or solvate thereof, wherein the compound has the structure of Formula (V), or a pharmaceutically acceptable salt, or solvate thereof:



Formula (V)

wherein:

Y^1 is NR^c , O, or S;

Y^2 and Y^3 are independently CH, CR^a , CR^b , or N;

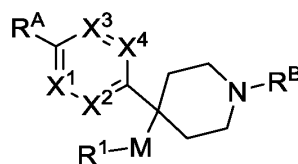
R^c is hydrogen, $-C(=O)R^7$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, or unsubstituted or substituted C_2 - C_7 heterocycloalkyl; and

W is CH, CR^d , CR^e , or N.

34. The compound of any one of claims 1-33, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^1 is unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 heteroalkyl containing 1 N atom, unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycloalkyl containing 1-4 N atoms and 0 or 1 O or S atoms, unsubstituted or substituted bridged C_2 - C_7 heterocycloalkyl containing 1-2 N atoms, or unsubstituted or substituted $-(C_1$ - C_6 alkyl)-(C_2 - C_7 heterocycloalkyl), wherein any substituted group of R^1 is substituted with one or more halogen, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted monocyclic heterocycle, $-N(R^4)_2$, $-OR^5$, $-CN$, $-CO_2R^5$, $-C(=O)N(R^4)_2$, $-SR^5$, $-S(=O)R^7$, $-S(=O)_2R^7$, $-NR^4C(=O)R^5$, $-NR^4SO_2R^7$, $-SO_2R^7$, or $-SO_2N(R^4)_2$.

35. The compound of any one of claims 1-34, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
- R^1 is unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 heteroalkyl containing 1 N atom, wherein any substituted group of R^1 is substituted with one or more halogen, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted monocyclic heterocycle, $-N(R^4)_2$, $-OR^5$, $-CN$, $-CO_2R^5$, $-C(=O)N(R^4)_2$, $-SR^5$, $-S(=O)R^7$, $-S(=O)_2R^7$, $-NR^4C(=O)R^5$, $-NR^4SO_2R^7$, $-SO_2R^7$, or $-SO_2N(R^4)_2$;
- or R^1 is unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycle containing 1-4 N atoms and 0 or 1 O or S atoms;
- or R^1 is unsubstituted or substituted bridged C_2 - C_7 heterocycloalkyl containing 1-2 N atoms;
- or R^1 is unsubstituted or substituted $-(C_1-C_6 \text{ alkyl})-(C_2-C_7 \text{ heterocycloalkyl})$, wherein the heterocycloalkyl is an unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycloalkyl containing 1-4 N atoms and 0 or 1 O or S atoms.
36. The compound of claim 35, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
- R^1 is unsubstituted or substituted C_1 - C_6 heteroalkyl containing 1 N atom;
- or R^1 is unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycle containing 1-4 N atoms and 0 or 1 O or S atoms;
- or R^1 is unsubstituted or substituted $-(C_1-C_6 \text{ alkyl})-(C_2-C_7 \text{ heterocycloalkyl})$, wherein the heterocycloalkyl is an unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycloalkyl containing 1-4 N atoms and 0 or 1 O or S atoms.
37. The compound of claim 1, or a pharmaceutically acceptable salt, or solvate thereof, wherein the compound has the structure of Formula (VIII), or a pharmaceutically acceptable salt, or solvate thereof:



Formula (VIII)

wherein:

R^A is unsubstituted or substituted phenyl, unsubstituted or substituted pyridinyl, unsubstituted or substituted furanyl, unsubstituted or substituted thienyl, unsubstituted or substituted pyrrolyl, unsubstituted or substituted pyrazolyl, unsubstituted or substituted isoxazolyl, unsubstituted or substituted quinolinyl, unsubstituted or

substituted indolyl, unsubstituted or substituted indazolyl, or unsubstituted or substituted benzofuranyl, wherein if R^A is substituted then R^A is substituted with 1 or 2 groups selected from R^a , R^b , and R^c ;

R^B is unsubstituted or substituted phenyl or unsubstituted or substituted pyridinyl, wherein if R^B is substituted then R^B is substituted with 1, 2, or 3 groups selected from R^d , R^e , and R^f , and

M is $-NR^3-$, $-O-$, $^*-NR^3-(C=O)-$, $^*-(C=O)-NR^3-$, $^*-O-(C=O)NR^3-$, $^*-NR^3-(C=O)O-$, or $-NR^3-(C=O)NR^3-$, wherein * indicates the attachment point to R^1 .

38. The compound of any one of claims 1-37, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
 X^1 is CR^{11} , X^2 is CR^{12} , X^3 is CR^{13} , and X^4 is CR^{14} ;
 or X^1 is N; X^2 is CR^{12} , X^3 is CR^{13} , and X^4 is CR^{14} ;
 or X^1 is CR^{11} , X^2 is N; X^3 is CR^{13} , and X^4 is CR^{14} ;
 or X^1 is N; X^2 is CR^{12} , X^3 is CR^{13} , and X^4 is N;
 or X^1 is N; X^2 is N; X^3 is CR^{13} , and X^4 is CR^{14} ;
 or X^1 is N; X^2 is CR^{12} , X^3 is N; and X^4 is CR^{14} ;
 or X^1 is CR^{11} , X^2 is CR^{12} , X^3 is CR^{13} , and X^4 is CR^{14} .
39. The compound of any one of claims 1-37, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
 X^1 is N; X^2 is CR^{12} , X^3 is CR^{13} , and X^4 is CR^{14} .
40. The compound of any one of claims 1-37, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
 X^1 is CH, CF, or N;
 X^2 is CH, CF, or N;
 X^3 is CH, CF, or N; and
 X^4 is CH, CF, or N.
41. The compound of any one of claims 1-37, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
 X^1 is N;
 X^2 is CH;
 X^3 is CH or CF; and
 X^4 is CH.
42. The compound of any one of claims 1-41, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^a , R^b , and R^c are independently selected from the group consisting of hydrogen, halogen, $-OR^4$, $-CN$, $-N(R^4)_2$, $-C(=O)R^7$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, unsubstituted or substituted C_1 - C_6 heteroalkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, unsubstituted or substituted C_2 - C_7 heterocycloalkyl, unsubstituted or substituted phenyl, unsubstituted or substituted monocyclic heteroaryl, and unsubstituted or substituted bicyclic heteroaryl, wherein any substituted group of R^a , R^b , and R^c is substituted with one or more R^6 groups; or one R^a and one R^b , when present on adjacent atoms of R^A , are taken together with the intervening atoms connecting R^a to R^b to form a 5- to 6-membered monocyclic carbocycle or 5- to 6-membered monocyclic heterocycle, wherein the carbocycle or heterocycle is unsubstituted or substituted with one or more R^6 groups; wherein, if R^a , R^b , or R^c is attached to the N atom of a heteroaryl, then it is hydrogen, $-C(=O)R^7$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, or unsubstituted or substituted C_2 - C_7 heterocycloalkyl; and R^d , R^e , and R^f are independently selected from the group consisting of hydrogen, halogen, $-OR^4$, $-CN$, $-N(R^4)_2$, $-C(=O)R^7$, $-C(=O)N(R^4)_2$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, unsubstituted or substituted C_1 - C_6 heteroalkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, unsubstituted or substituted C_2 - C_7 heterocycloalkyl, unsubstituted or substituted phenyl, unsubstituted or substituted monocyclic heteroaryl, and unsubstituted or substituted bicyclic heteroaryl, wherein any substituted group of R^d , R^e , and R^f is substituted with one or more R^6 groups; wherein, if R^d , R^e , or R^f is attached to the N atom of a heteroaryl, then it is hydrogen, $-C(=O)R^7$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_3 - C_6 cycloalkyl, or unsubstituted or substituted C_2 - C_7 heterocycloalkyl.

43. The compound of any one of claims 1-41, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^a is selected from the group consisting of hydrogen, halogen, $-OR^4$, $-CN$, $-N(R^4)_2$, $-C(=O)R^7$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, unsubstituted or substituted C_1 - C_6 heteroalkyl, and unsubstituted or substituted C_3 - C_6 cycloalkyl, wherein any substituted group of R^a is substituted with one or more R^6 groups; and R^b and R^c are independently selected from the group consisting of hydrogen, halogen, $-OR^4$, $-CN$, $-N(R^4)_2$, $-C(=O)R^7$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted

or substituted C₁-C₆ fluoroalkyl, and unsubstituted or substituted C₁-C₆ heteroalkyl, wherein any substituted group of R^b and R^c is substituted with one or more R⁶ groups; wherein, if R^a, R^b, or R^c is attached to the N atom of a heteroaryl, then it is hydrogen, -C(=O)R⁷, or unsubstituted or substituted C₁-C₆ alkyl.

44. The compound of any one of claims 1-41, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^a is selected from the group consisting of hydrogen, F, Cl, Br, -CN, -OH, -OCH₃, -OCH₂CH₃, -C(O)CH₃, -C(O)CH₂CH₃, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH₂CH(CH₃)₂, -CH(CH₃)(CH₂CH₃), -C(CH₃)₃, -CH₂CH₂CH(CH₃)₂, -CH₂OH, -CH₂CN, -CH₂F, -CHF₂, -CF₃, -CH₂CH₂OH, -CH₂CH₂CN, -CH₂CH₂F, -CH₂CHF₂, -CH₂CF₃, -CH₂OCH₃, -CH₂CH₂OCH₃, -CH₂NH₂, -CH₂NHCH₃, -CH₂N(CH₃)₂, -CH₂CH₂NH₂, -CH₂CH₂NHCH₃, -CH₂CH₂N(CH₃)₂, cyclopropyl, cyclobutyl, cyclopentyl, and cyclohexyl; and

R^b and R^c are independently selected from the group consisting of hydrogen, F, Cl, Br, -CN, -OH, -OCH₃, -OCH₂CH₃, -C(O)CH₃, -C(O)CH₂CH₃, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH₂CH(CH₃)₂, -CH(CH₃)(CH₂CH₃), -C(CH₃)₃, -CH₂CH₂CH(CH₃)₂, -CH₂OH, -CH₂CN, -CH₂F, -CHF₂, -CF₃, -CH₂CH₂OH, -CH₂CH₂CN, -CH₂CH₂F, -CH₂CHF₂, -CH₂CF₃, -CH₂OCH₃, -CH₂CH₂OCH₃, -CH₂NH₂, -CH₂NHCH₃, -CH₂N(CH₃)₂, -CH₂CH₂NH₂, -CH₂CH₂NHCH₃, and -CH₂CH₂N(CH₃)₂;

wherein, if R^a, R^b, or R^c is attached to the N atom of a heteroaryl, then it is hydrogen, -C(O)CH₃, -C(O)CH₂CH₃, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH₂CH(CH₃)₂, -CH(CH₃)(CH₂CH₃), -C(CH₃)₃, -CH₂CH₂CH(CH₃)₂, -CH₂OH, -CH₂CN, -CH₂F, -CHF₂, -CF₃, -CH₂CH₂OH, -CH₂CH₂CN, -CH₂CH₂F, -CH₂CHF₂, -CH₂CF₃, -CH₂OCH₃, -CH₂CH₂OCH₃, -CH₂NH₂, -CH₂NHCH₃, -CH₂N(CH₃)₂, -CH₂CH₂NH₂, -CH₂CH₂NHCH₃, and -CH₂CH₂N(CH₃)₂.

45. The compound of any one of claims 1-41, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

one R^a and one R^b on adjacent atoms of R^A are taken together with the intervening atoms connecting R^a to R^b to form a 5- to 6-membered monocyclic cycloalkyl or 5- to 6-membered monocyclic heterocycloalkyl, wherein the cycloalkyl or heterocycloalkyl is unsubstituted or substituted with one or more R⁶ groups.

46. The compound of claim 45, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

one R^a and one R^b on adjacent atoms of R^A are taken together with the intervening atoms connecting R^a to R^b to form a 5-membered monocyclic heterocycloalkyl, wherein the heterocycloalkyl is unsubstituted or substituted with one or more R⁶ groups.

47. The compound of any one of claims 1-46, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^d is selected from the group consisting of hydrogen, halogen, -OR⁴, -CN, -N(R⁴)₂, unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted C₁-C₆ fluoroalkyl, unsubstituted or substituted C₁-C₆ heteroalkyl, unsubstituted or substituted C₃-C₆ cycloalkyl, unsubstituted or substituted C₂-C₇ heterocycloalkyl, unsubstituted or substituted phenyl, unsubstituted or substituted monocyclic heteroaryl, and unsubstituted or substituted bicyclic heteroaryl, wherein any substituted group of R^d is substituted with one or more R⁶ groups; and

R^e and R^f are independently selected from the group consisting of hydrogen, halogen, -OR⁴, -CN, -N(R⁴)₂, unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted C₁-C₆ fluoroalkyl, and unsubstituted or substituted C₁-C₆ heteroalkyl; wherein, if R^d, R^e, or R^f is attached to the N atom of a heteroaryl, then it is hydrogen, -C(=O)R⁷, or unsubstituted or substituted C₁-C₆ alkyl.

48. The compound of any one of claims 1-46, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^d is selected from the group consisting of hydrogen, F, Cl, Br, -CN, -OH, -OCH₃, -OCH₂CH₃, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH₂CH(CH₃)₂, -CH(CH₃)(CH₂CH₃), -C(CH₃)₃, -CH₂CH₂CH(CH₃)₂, -CH₂OH, -CH₂CN, -CH₂F, -CHF₂, -CF₃, -CH₂CH₂OH, -CH₂CH₂CN, -CH₂CH₂F, -CH₂CHF₂, -CH₂CF₃, -CH₂OCH₃, -CH₂CH₂OCH₃, -CH₂NH₂, -CH₂NHCH₃, -CH₂N(CH₃)₂, -CH₂CH₂NH₂, -CH₂CH₂NHCH₃, -CH₂CH₂N(CH₃)₂, unsubstituted or substituted cyclopropyl, unsubstituted or substituted cyclobutyl, unsubstituted or substituted cyclopentyl, unsubstituted or substituted cyclohexyl, unsubstituted or substituted C₂-C₇ heterocycloalkyl, unsubstituted or substituted phenyl, unsubstituted or substituted monocyclic heteroaryl, and unsubstituted or substituted bicyclic heteroaryl, wherein any substituted group of R^d is substituted with one or more R⁶ groups; and

R^e and R^f are independently selected from the group consisting of hydrogen, F, Cl, Br, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH₂CH(CH₃)₂, -CH(CH₃)(CH₂CH₃), -C(CH₃)₃, -CH₂CH₂CH(CH₃)₂, -CH₂OH, -CH₂CN, -CH₂F, -CHF₂, -CF₃, -CN, -OH, -OCH₃, and -OCH₂CH₃;

wherein, if R^d, R^e, or R^f is attached to the N atom of a heteroaryl, then it is hydrogen, -C(O)CH₃, -C(O)CH₂CH₃, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH₂CH(CH₃)₂, -CH(CH₃)(CH₂CH₃), -C(CH₃)₃, -CH₂CH₂CH(CH₃)₂, -CH₂OH, -CH₂CN, -CH₂F, -CHF₂, -CF₃, -CH₂CH₂OH, -CH₂CH₂CN, -CH₂CH₂F, -CH₂CHF₂, -CH₂CF₃, -CH₂OCH₃, -CH₂CH₂OCH₃, -CH₂NH₂, -CH₂NHCH₃, -CH₂N(CH₃)₂, -CH₂CH₂NH₂, -CH₂CH₂NHCH₃, and -CH₂CH₂N(CH₃)₂.

49. The compound of claim 1, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^A is unsubstituted or substituted 6-membered or 5-membered heteroaryl containing 1 or 2 N atoms or unsubstituted or substituted phenyl, wherein if R^A is substituted then R^A is substituted with 1, or 2 groups selected from R^a, R^b, and R^c;

R^a is selected from the group consisting of hydrogen, halogen, -OR⁴, -CN, -N(R⁴)₂, -C(=O)R⁷, unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted C₁-C₆ fluoroalkyl, unsubstituted or substituted C₁-C₆ heteroalkyl, and unsubstituted or substituted C₃-C₆ cycloalkyl, wherein any substituted group of R^a is substituted with one or more R⁶ groups;

R^b and R^c are independently selected from the group consisting of hydrogen, halogen, -OR⁴, -CN, -N(R⁴)₂, -C(=O)R⁷, unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted C₁-C₆ fluoroalkyl, and unsubstituted or substituted C₁-C₆ heteroalkyl, wherein any substituted group of R^b and R^c is substituted with one or more R⁶ groups; wherein, if R^a, R^b, or R^c is attached to the N atom of a heteroaryl, then it is hydrogen, -C(=O)R⁷, or unsubstituted or substituted C₁-C₆ alkyl;

R^B is unsubstituted or substituted phenyl or unsubstituted or substituted 5- or 6-membered heteroaryl containing 1 or 2 N atoms, wherein if R^B is substituted then R^B is substituted with 1, 2, or 3 groups selected from R^d, R^e, and R^f;

R^d is selected from the group consisting of hydrogen, halogen, -OR⁴, -CN, -N(R⁴)₂, unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted C₁-C₆ fluoroalkyl, unsubstituted or substituted C₁-C₆ heteroalkyl, unsubstituted or substituted C₃-C₆ cycloalkyl, unsubstituted or substituted C₂-C₇ heterocycloalkyl, unsubstituted or substituted phenyl, unsubstituted or substituted monocyclic heteroaryl, and unsubstituted or substituted bicyclic heteroaryl, wherein any substituted group of R^d is substituted with one or more R⁶ groups;

R^e and R^f are independently selected from the group consisting of hydrogen, halogen, - OR^4 , -CN, - $N(R^4)_2$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, and unsubstituted or substituted C_1 - C_6 heteroalkyl;

wherein, if R^d , R^e , or R^f is attached to the N atom of a heteroaryl, then it is hydrogen, - $C(=O)R^7$, or unsubstituted or substituted C_1 - C_6 alkyl;

X^1 is CR^{11} or N;

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

X^3 is CR^{13} or N;

X^4 is CR^{14} or N;

R^{11} , R^{12} , R^{13} , and R^{14} are each independently hydrogen, halogen, C_1 - C_6 alkyl, C_1 - C_6 fluoroalkyl, or C_1 - C_6 heteroalkyl, -CN, - OR^4 , or - $N(R^4)_2$;

M is $^*-NR^3-C(=O)-$ or $^*-(C=O)-NR^3-$, wherein * indicates the attachment point to R^1 ;

R^1 is unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 heteroalkyl containing 1 N atom, wherein any substituted group of R^1 is substituted with one or more halogen, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted monocyclic heterocycle, - $N(R^4)_2$, - OR^5 , -CN, - CO_2R^5 , - $C(=O)N(R^4)_2$, - SR^5 , - $S(=O)R^7$, - $S(=O)_2R^7$, - $NR^4C(=O)R^5$, - $NR^4SO_2R^7$, - SO_2R^7 , or - $SO_2N(R^4)_2$;

or R^1 is unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycle containing 1-4 N atoms and 0 or 1 O or S atoms;

or R^1 is unsubstituted or substituted bridged C_2 - C_7 heterocycloalkyl containing 1-2 N atoms;

or R^1 is unsubstituted or substituted -(C_1 - C_6 alkyl)-(C_2 - C_7 heterocycloalkyl), wherein the heterocycloalkyl is an unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycloalkyl containing 1-2 N atoms.

50. The compound of claim 1, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^A is unsubstituted or substituted pyridinyl, unsubstituted or substituted phenyl, or unsubstituted or substituted pyrrolyl, wherein if R^A is substituted then R^A is substituted with 1, or 2 groups selected from R^a , R^b , and R^c ;

R^B is unsubstituted or substituted phenyl or unsubstituted or substituted pyridinyl, wherein if R^B is substituted then R^B is substituted with 1, 2, or 3 groups selected from R^d , R^e , and R^f ;

X^1 is CH or N;

X^2 is CH or N;

X^3 is CR^{13} or N;

X^4 is CH or N;

M is $^*-\text{NR}^3-(\text{C}=\text{O})-$ or $^*-(\text{C}=\text{O})-\text{NR}^3-$, wherein * indicates the attachment point to R^1 ;

R^{11} , R^{12} , R^{13} , and R^{14} are each independently hydrogen, F, Cl, $-\text{CH}_3$, CF_3 , $-\text{CN}$, $-\text{OR}^4$, or $-\text{N}(\text{R}^4)_2$;

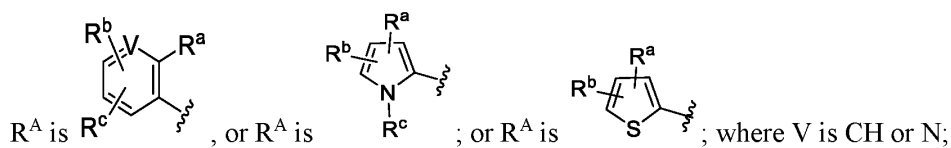
R^1 is unsubstituted or substituted C_1 - C_6 heteroalkyl containing 1 N atom, wherein any substituted group of R^1 is substituted with one or more halogen, C_1 - C_4 alkyl, $-\text{N}(\text{R}^4)_2$, or $-\text{OR}^5$;

or R^1 is unsubstituted or substituted azetidiny, unsubstituted or substituted pyrrolidinyl, or unsubstituted or substituted piperidinyl;

or R^1 is unsubstituted or substituted bridged C_2 - C_7 heterocycloalkyl containing 1-2 N atoms;

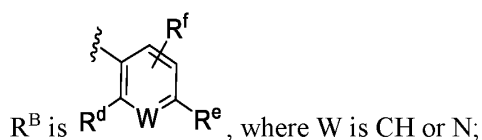
or R^1 is unsubstituted or substituted $-(\text{C}_1$ - C_6 alkyl)-(C_2 - C_7 heterocycloalkyl), wherein the heterocycloalkyl is an unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycloalkyl containing 1-2 N atoms.

51. The compound of claim 1, or a pharmaceutically acceptable salt, or solvate thereof, wherein:



R^a is selected from the group consisting of hydrogen, halogen, $-\text{OR}^4$, $-\text{CN}$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, and unsubstituted or substituted C_3 - C_6 cycloalkyl; and

R^b and R^c are independently selected from the group consisting of hydrogen, halogen, $-\text{OR}^4$, $-\text{CN}$, unsubstituted or substituted C_1 - C_6 alkyl, and unsubstituted or substituted C_1 - C_6 fluoroalkyl;



R^d is selected from the group consisting of hydrogen, halogen, $-\text{OR}^4$, $-\text{CN}$, unsubstituted or substituted C_1 - C_6 alkyl, unsubstituted or substituted C_1 - C_6 fluoroalkyl, and unsubstituted or substituted C_3 - C_6 cycloalkyl; and

R^e and R^f are independently selected from the group consisting of hydrogen, halogen, $-\text{OR}^4$, $-\text{CN}$, unsubstituted or substituted C_1 - C_6 alkyl, and unsubstituted or substituted C_1 - C_6 fluoroalkyl;

X¹ is CH, CF, or N;

X² is CH, CF, or N;

X³ is CH, CF, or N;

X⁴ is CH, CF, or N;

M is *-NH-(C=O)- or *-(C=O)-NH-, wherein * indicates the attachment point to R¹;

R¹ is unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted C₁-C₆

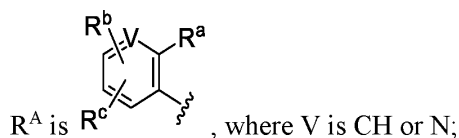
heteroalkyl containing 1 N atom, wherein any substituted group of R¹ is substituted with one or more halogen, unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted monocyclic heterocycle, -N(R⁴)₂, -OR⁵, -CN, -CO₂R⁵, -C(=O)N(R⁴)₂, -SR⁵, -S(=O)R⁷, -S(=O)₂R⁷, -NR⁴C(=O)R⁵, -NR⁴SO₂R⁷, -SO₂R⁷, or -SO₂N(R⁴)₂;

or R¹ is unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycle containing 1-4 N atoms and 0 or 1 O or S atoms;

or R¹ is unsubstituted or substituted bridged C₂-C₇ heterocycloalkyl containing 1-2 N atoms;

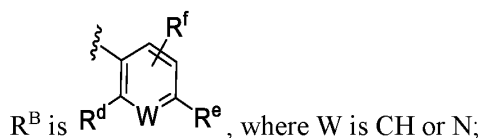
or R¹ is unsubstituted or substituted -(C₁-C₆ alkyl)-(C₂-C₇ heterocycloalkyl), wherein the heterocycloalkyl is an unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycloalkyl containing 1-2 N atoms.

52. The compound of claim 1, or a pharmaceutically acceptable salt, or solvate thereof, wherein:



R^a is selected from the group consisting of hydrogen, F, Cl, Br, -CN, -OCH₃, -OCH₂CH₃, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH₂CH(CH₃)₂, -CH(CH₃)(CH₂CH₃), -C(CH₃)₃, -CH₂F, -CHF₂, and -CF₃; and

R^b and R^c are independently selected from the group consisting of hydrogen, F, Cl, -CH₃, -CH₂F, -CHF₂, -CF₃, -CN, and -OCH₃;



R^d is selected from the group consisting of hydrogen, F, Cl, Br, -CN, -OCH₃, -OCH₂CH₃, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂, -CH₂CH₂CH₂CH₃, -CH₂CH(CH₃)₂, -CH(CH₃)(CH₂CH₃), -C(CH₃)₃, -CH₂F, -CHF₂, and -CF₃;

R^e and R^f are independently selected from the group consisting of hydrogen, F, Cl, Br, -CH₃, -CH₂F, -CHF₂, -CF₃, -CN, -OH, and -OCH₃;

X^1 is CH or N;

X^2 is CH or N;

X^3 is CH, CF, or N;

X^4 is CH or N;

M is *-NH-(C=O)- or *-(C=O)-NH-, wherein * indicates the attachment point to R^1 ;

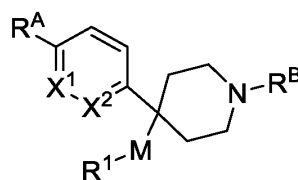
R^1 is unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted C₁-C₆ heteroalkyl containing 1 N atom, wherein any substituted group of R^1 is substituted with one or more halogen, unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted monocyclic heterocycle, -N(R^4)₂, -OR⁵, -CN, -CO₂R⁵, -C(=O)N(R^4)₂, -SR⁵, -S(=O)R⁷, -S(=O)₂R⁷, -NR⁴C(=O)R⁵, -NR⁴SO₂R⁷, -SO₂R⁷, or -SO₂N(R^4)₂;

or R^1 is unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycle containing 1-4 N atoms and 0 or 1 O or S atoms;

or R^1 is unsubstituted or substituted bridged C₂-C₇ heterocycloalkyl containing 1-2 N atoms;

or R^1 is unsubstituted or substituted -(C₁-C₆ alkyl)-(C₂-C₇ heterocycloalkyl), wherein the heterocycloalkyl is an unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycloalkyl containing 1-2 N atoms.

53. The compound of claim 1, or a pharmaceutically acceptable salt, or solvate thereof, wherein the compound has the structure of Formula (IX), or a pharmaceutically acceptable salt, or solvate thereof:



Formula (IX)

wherein,

R^A is unsubstituted or substituted 6-membered or 5-membered heteroaryl containing 1 or 2 N atoms or unsubstituted or substituted phenyl, wherein if R^A is substituted then R^A is substituted with 1 or 2 groups selected from R^a , R^b , and R^c ;

R^a is selected from the group consisting of hydrogen, halogen, -OR⁴, -CN, -N(R^4)₂, -C(=O)R⁷, unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted C₁-C₆ fluoroalkyl, unsubstituted or substituted C₁-C₆ heteroalkyl, and unsubstituted or

substituted C₃-C₆ cycloalkyl, wherein any substituted group of R^a is substituted with one or more R⁶ groups; and

R^b and R^c are independently selected from the group consisting of hydrogen, halogen, -OR⁴, -CN, -N(R⁴)₂, -C(=O)R⁷, unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted C₁-C₆ fluoroalkyl, and unsubstituted or substituted C₁-C₆ heteroalkyl, wherein any substituted group of R^b and R^c is substituted with one or more R⁶ groups; wherein, if R^a, R^b, or R^c is attached to the N atom of a heteroaryl, then it is hydrogen, -C(=O)R⁷, or unsubstituted or substituted C₁-C₆ alkyl;

R^B is unsubstituted or substituted phenyl or unsubstituted or substituted 5- or 6-membered heteroaryl containing 1 or 2 N atoms, wherein if R^B is substituted then R^B is substituted with 1, 2, or 3 groups selected from R^d, R^e, and R^f;

R^d is selected from the group consisting of hydrogen, halogen, -OR⁴, -CN, -N(R⁴)₂, unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted C₁-C₆ fluoroalkyl, unsubstituted or substituted C₁-C₆ heteroalkyl, unsubstituted or substituted C₃-C₆ cycloalkyl, unsubstituted or substituted C₂-C₇ heterocycloalkyl, unsubstituted or substituted phenyl, unsubstituted or substituted monocyclic heteroaryl, and unsubstituted or substituted bicyclic heteroaryl, wherein any substituted group of R^d is substituted with one or more R⁶ groups; and

R^e and R^f are independently selected from the group consisting of hydrogen, halogen, -OR⁴, -CN, -N(R⁴)₂, unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted C₁-C₆ fluoroalkyl, and unsubstituted or substituted C₁-C₆ heteroalkyl; wherein, if R^d, R^e, or R^f is attached to the N atom of a heteroaryl, then it is hydrogen, -C(=O)R⁷, or unsubstituted or substituted C₁-C₆ alkyl;

X¹ is CR¹¹ or N;

X² is CR¹² or N;

R¹¹ and R¹² are each independently hydrogen, halogen, C₁-C₆ alkyl, C₁-C₆ fluoroalkyl, or C₁-C₆ heteroalkyl, -CN, -OR⁴, or -N(R⁴)₂;

M is -NR³-, -O-, *-NR³-(C=O)-, *-(C=O)-NR³-, *-O-(C=O)NR³-, *-NR³-(C=O)O-, or -NR³-(C=O)NR³-, wherein * indicates the attachment point to R¹; and

R¹ is unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted C₁-C₆ heteroalkyl containing 1 N atom, wherein any substituted group of R¹ is substituted with one or more halogen, unsubstituted or substituted C₁-C₆ alkyl, unsubstituted or substituted monocyclic heterocycle, -N(R⁴)₂, -OR⁵, -CN, -CO₂R⁵, -C(=O)N(R⁴)₂, -SR⁵, -S(=O)R⁷, -S(=O)₂R⁷, -NR⁴C(=O)R⁵, -NR⁴SO₂R⁷, -SO₂R⁷, or -SO₂N(R⁴)₂;

- or R¹ is unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycle containing 1-4 N atoms and 0 or 1 O or S atoms;
- or R¹ is unsubstituted or substituted bridged C₂-C₇ heterocycloalkyl containing 1-2 N atoms;
- or R¹ is unsubstituted or substituted -(C₁-C₆ alkyl)-(C₂-C₇ heterocycloalkyl), wherein the heterocycloalkyl is an unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycloalkyl containing 1-2 N atoms.
54. The compound of claim 53, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
- R^A is unsubstituted or substituted pyridinyl, unsubstituted or substituted phenyl, or unsubstituted or substituted pyrrolyl, wherein if R^A is substituted then R^A is substituted with 1 or 2 groups selected from R^a, R^b, and R^c;
- wherein, if R^a, R^b, or R^c is attached to the N atom of a heteroaryl, then it is hydrogen, -C(=O)R⁷, or unsubstituted or substituted C₁-C₆ alkyl;
- R^B is unsubstituted or substituted phenyl or unsubstituted or substituted pyridinyl, wherein if R^B is substituted then R^B is substituted with 1, 2, or 3 groups selected from R^d, R^e, and R^f;
- X¹ is CR¹¹ or N;
- X² is CR¹² or N;
- R¹¹ and R¹² are each independently hydrogen, F, Cl, -CH₃, CF₃, -CN, -OR⁴, or -N(R⁴)₂;
- R¹ is unsubstituted or substituted C₁-C₆ heteroalkyl containing 1 N atom, wherein any substituted group of R¹ is substituted with one or more halogen, C₁-C₄ alkyl, -N(R⁴)₂, or -OR⁵;
- or R¹ is unsubstituted or substituted azetidiny, unsubstituted or substituted pyrrolidinyl, or unsubstituted or substituted piperidinyl;
- or R¹ is unsubstituted or substituted bridged C₂-C₇ heterocycloalkyl containing 1-2 N atoms;
- or R¹ is unsubstituted or substituted -(C₁-C₆ alkyl)-(C₂-C₇ heterocycloalkyl), wherein the C₂-C₇ heterocycloalkyl is an unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycloalkyl containing 1-2 N atoms.
55. The compound of any one of claims 1-54, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
- R¹ is unsubstituted or substituted C₁-C₆ heteroalkyl containing 1 N atom, wherein any substituted group of R¹ is substituted with one or more halogen, C₁-C₄ alkyl, -N(R⁴)₂, or -OR⁵;

- or R¹ is unsubstituted or substituted azetidiny, unsubstituted or substituted pyrrolidinyl, or unsubstituted or substituted piperidinyl;
- or R¹ is unsubstituted or substituted -(C₁-C₆ alkyl)-(C₂-C₇ heterocycloalkyl), wherein the C₂-C₇ heterocycloalkyl is an unsubstituted or substituted azetidiny, unsubstituted or substituted pyrrolidinyl, or unsubstituted or substituted piperidinyl.
56. The compound of any one of claims 1-55, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
R¹ is unsubstituted or substituted azetidiny, unsubstituted or substituted pyrrolidinyl, or unsubstituted or substituted piperidinyl.
57. The compound of any one of claims 1-55, or a pharmaceutically acceptable salt, or solvate thereof, wherein:
R¹ is unsubstituted or substituted C₁-C₆ heteroalkyl containing 1 N atom, wherein if R¹ is unsubstituted or substituted then it is substituted with one or more halogen, C₁-C₄ alkyl, -N(R⁴)₂, or -OR⁵.
58. A compound that is:
- 1-1:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-2:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]-N-[(3R)-pyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-3:** N-(2-aminoethyl)-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]piperidine-4-carboxamide;
- 1-4:** N-[(2R)-2-aminopropyl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]piperidine-4-carboxamide;
- 1-5:** N-(3-aminopropyl)-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]piperidine-4-carboxamide;
- 1-6:** N-[(2S)-2-aminopropyl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]piperidine-4-carboxamide;
- 1-7:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;
- 1-8:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]piperidine-4-carboxamide;
- 1-9:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-10:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3R)-pyrrolidin-3-yl]piperidine-4-carboxamide;

- 1-11:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-12:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-pyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-13:** N-(2-aminoethyl)-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;
- 1-14:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;
- 1-15:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;
- 1-16:** N-[(2S)-2-aminopropyl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;
- 1-17:** N-[(2R)-2-amino-3-hydroxypropyl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;
- 1-18:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(1-methylazetidin-3-yl)methyl]piperidine-4-carboxamide;
- 1-19:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-(1-methylazetidin-3-yl)piperidine-4-carboxamide;
- 1-20:** N-[(3S)-1-azabicyclo[2.2.2]octan-3-yl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;
- 1-21:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[3,3'-bipyridin]-6-yl}-N-[(3R)-pyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-22:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[3,3'-bipyridin]-6-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-23:** 1-[2-cyano-6-(trifluoromethyl)pyridin-3-yl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-24:** 1-[2-cyano-6-(trifluoromethyl)pyridin-3-yl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-25:** 3-(4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-4-{[(3R)-1-methylpyrrolidin-3-yl]carbamoyl}piperidin-1-yl)-6-(trifluoromethyl)pyridine-2-carboxamide;
- 1-26:** 1-[2-cyano-6-(trifluoromethyl)pyridin-3-yl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-27:** 3-(4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-4-{[(3S)-1-methylpyrrolidin-3-yl]carbamoyl}piperidin-1-yl)-6-(trifluoromethyl)pyridine-2-carboxamide;

1-28: N-[(2S)-2-amino-3-hydroxypropyl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;

1-29: 1-[2-chloro-6-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-30: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-31: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-32: 1-(2-cyanophenyl)-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-33: 4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]-1-[4-(trifluoromethyl)phenyl]piperidine-4-carboxamide;

1-34: 1-(4-chloro-2-cyanophenyl)-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-35: 4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]-1-[5-(trifluoromethyl)pyridin-2-yl]piperidine-4-carboxamide;

1-36: 1-(4-acetyl-2-cyanophenyl)-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-37: 1-[2-cyano-4-(difluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-38: 1-[4-cyano-2-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-39: 1-[2-cyano-4-(trifluoromethoxy)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-40: 1-(2,4-dicyanophenyl)-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-41: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S,4S)*-4-hydroxy-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-42: 1-[3-cyano-5-(trifluoromethyl)pyridin-2-yl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-43: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrazol-5-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-44: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(2R)-3-hydroxy-2-(methylamino)propyl]piperidine-4-carboxamide;

- 1-45:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(2R)-2-(dimethylamino)-3-hydroxypropyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;
- 1-46:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3R,4R)*-4-hydroxy-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-47:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(2S)-3-hydroxy-2-(methylamino)propyl]piperidine-4-carboxamide;
- 1-48:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(2S)-2-(dimethylamino)-3-hydroxypropyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;
- 1-51:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-(2-ethoxypyridin-3-yl)pyrazin-2-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-52:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-53:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2,3-dihydro-1-benzofuran-7-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-54:** 4-[6-(1-benzofuran-7-yl)pyridin-3-yl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-55:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{6-[2-(hydroxymethyl)phenyl]pyridin-3-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-56:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxypyridin-3-yl)pyridazin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-57:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxypyridin-3-yl)pyridazin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-58:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-(2-ethoxypyridin-3-yl)pyrazin-2-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-59:** 1-[2-cyano-4-(1,1-difluoroethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-60:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethylphenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-61:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2,3-difluorophenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-62:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-ethyl-1H-pyrazol-5-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-63:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]-4-[6-(2-propoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;

- 1-64:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(3-fluorophenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-65:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(3,5-difluorophenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-66:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methylphenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-67:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2,2-difluoro-2H-1,3-benzodioxol-4-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-68:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2,5-difluorophenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-69:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxy-5-fluorophenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-70:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{6-[1-(3-methylbutyl)-1H-pyrazol-5-yl]pyridin-3-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-71:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]-4-{6-[2-(trifluoromethoxy)phenyl]pyridin-3-yl}piperidine-4-carboxamide;
- 1-72:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxy-3-fluorophenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-73:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-indazol-7-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-74:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-fluorophenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-75:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)-3-fluorophenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-76:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)pyridin-3-yl]-N-(1-methylazetidin-3-yl)piperidine-4-carboxamide;
- 1-77:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]-4-{6-[2-(trifluoromethyl)phenyl]pyridin-3-yl}piperidine-4-carboxamide;
- 1-78:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-cyanophenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-79:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{6-[2-(methoxymethyl)phenyl]pyridin-3-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-80:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(3-methoxythiophen-2-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-81: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(5-fluoro-2-methoxyphenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-82: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(3-fluoro-2-methoxyphenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-83: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxythiophen-3-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-84: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{6-[2-(1,1-difluoroethyl)phenyl]pyridin-3-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-85: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[2'-(difluoromethoxy)-[2,3'-bipyridin]-5-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-86: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{5'-fluoro-2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-87: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(3,5-difluoro-2-methoxyphenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-88: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-89: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-cyclopropoxyphenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-90: 1-(4-chloro-2-cyanophenyl)-4-[6-(2-ethoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-91: 1-(4-chloro-2-cyanophenyl)-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-92: 1-(4-chloro-2-cyanophenyl)-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-(1-methylazetidin-3-yl)piperidine-4-carboxamide;

1-93: 1-(4-chloro-2-cyanophenyl)-4-[6-(2-ethoxyphenyl)pyridin-3-yl]-N-(1-methylazetidin-3-yl)piperidine-4-carboxamide;

1-94: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-(1-methylazetidin-3-yl)piperidine-4-carboxamide;

1-95: 1-(2,4-dichlorophenyl)-4-[6-(2-ethoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-96: 1-(2-cyano-4-fluorophenyl)-4-[6-(2-ethoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-97: 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-98: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-99: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(5-fluoro-2-methylphenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-100: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-101: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(3-fluoro-2-methoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-102: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(5-fluoro-2-methoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-103: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{5'-fluoro-2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-104: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethylphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-105: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(4-methylpyrimidin-5-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-106: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[2-(2-ethoxypyridin-3-yl)pyrimidin-5-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-107: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[2-(2-ethoxypyridin-3-yl)pyrimidin-5-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-108: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-109: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-110: 1-[2-cyano-6-(trifluoromethyl)pyridin-3-yl]-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-111: 1-(4-chloro-2-cyano-6-fluorophenyl)-4-[6-(2-ethoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-112: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]-4-[6-(2-methylthiophen-3-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-113: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-cyclopropylphenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-114: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{6-[2-(difluoromethoxy)phenyl]pyridin-3-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-115: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-3-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-116: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methylfuran-3-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-117: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]-4-[6-(2-propylphenyl)pyridin-3-yl]piperidine-4-carboxamide;

1-118: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethyl-[2,3'-bipyridin]-5-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-119: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxythiophen-3-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-120: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methylfuran-3-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-121: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-cyclopropylphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-122: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3S)-1-methylpyrrolidin-3-yl]-4-[6-(2-methylthiophen-3-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-123: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)-5-fluoropyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-124: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)-5-fluoropyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-125: 1-[2-cyano-6-(trifluoromethyl)pyridin-3-yl]-4-[6-(2-ethoxyphenyl)-5-fluoropyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-126: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-127: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

1-128: 1-[2-cyano-6-(trifluoromethyl)pyridin-3-yl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

- 1-129:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(3-fluoro-2-hydroxyphenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-130:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxy-5-methylphenyl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-131:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{3-fluoro-2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-132:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{3-fluoro-2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-133:** 1-[2-cyano-6-(trifluoromethyl)pyridin-3-yl]-4-{3-fluoro-2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-134:** 1-(4-chloro-2-cyanophenyl)-4-[6-(2-ethoxyphenyl)pyridazin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-135:** 1-(4-chloro-2-cyanophenyl)-4-[6-(2-ethoxyphenyl)pyridazin-3-yl]-N-(1-methylazetidin-3-yl)piperidine-4-carboxamide;
- 1-136:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)pyridazin-3-yl]-N-(1-methylazetidin-3-yl)piperidine-4-carboxamide;
- 1-137:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{6-[2-(cyanomethyl)phenyl]pyridin-3-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-138:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]-4-[6-(4-methylthiophen-3-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-139:** 1-(4-chloro-2-cyanophenyl)-4-[6-(2-ethoxypyridin-3-yl)pyridazin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-140:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxypyridin-3-yl)pyridazin-3-yl]-N-(1-methylazetidin-3-yl)piperidine-4-carboxamide;
- 1-141:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-142:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-{2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-143:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3S)-1-methylpyrrolidin-3-yl]-4-[6-(1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-144:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-145:** 4-[6-(2-ethoxyphenyl)pyridin-3-yl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

- 1-146:** 4-[6-(2-acetylthiophen-3-yl)pyridin-3-yl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-147:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethylthiophen-3-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-148:** 4-[6-(2-cyano-3-fluorophenyl)pyridin-3-yl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-149:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(3-methyl-1,2-oxazol-4-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-150:** 1-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-151:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{6-[2-(difluoromethyl)phenyl]pyridin-3-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-152:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(3S)-pyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-153:** 4-[6-(5-cyano-1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-154:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-{5'-fluoro-2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-155:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[6-(5-fluoro-2-methoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-156:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[6-(2-ethylphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-157:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(5-methyl-1,2-oxazol-4-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-158:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-cyclopropyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-159:** 4-[4-(2-ethoxypyridin-3-yl)phenyl]-1-[2-methoxy-4-(trifluoromethyl)phenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-160:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-161:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-162:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

- 1-163:** 1-(4-chloro-2-cyanophenyl)-4-[5-fluoro-6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-164:** 4-[4-(2-ethoxypyridin-3-yl)phenyl]-1-[2-methyl-4-(trifluoromethyl)phenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-165:** 1-[3-chloro-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-166:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-167:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxythiophen-3-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-168:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridazin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-169:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridazin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-170:** 1-(4-chloro-2-cyanophenyl)-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridazin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-171:** 1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridazin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-172:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-{2'-ethyl-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-173:** 1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-174:** 4-[6-(2-ethoxyphenyl)pyridazin-3-yl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-175:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)pyridazin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-176:** 4-{[2,2'-bipyridin]-5-yl}-1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-177:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{3'-methyl-[2,2'-bipyridin]-5-yl}-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-178:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{3'-methoxy-[2,2'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-179:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;

- 1-180:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-cyclopropyl-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-181:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[2'-(difluoromethyl)-[2,3'-bipyridin]-5-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-182:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(5-cyclopropyl-1,3-oxazol-4-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-183:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridazin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-184:** ethyl (3S)-3-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-amido}pyrrolidine-1-carboxylate;
- 1-185:** N-[(3S)-1-acetylpyrrolidin-3-yl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-186:** 4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-1-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-187:** N-[(3S)-1-azabicyclo[2.2.2]octan-3-yl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-188:** N-[(3R)-1-azabicyclo[2.2.2]octan-3-yl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-189:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyquinolin-3-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-190:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-indol-7-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-191:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-indol-2-yl)pyridin-3-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-192:** 1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-193:** 4-[6-(2-ethoxypyridin-3-yl)pyridazin-3-yl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-194:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxypyridin-3-yl)pyridazin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-195:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(5-fluoro-2-methoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-196:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

- 1-197:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]-N-[3-(methylamino)propyl]piperidine-4-carboxamide;
- 1-198:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-199:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[3-(dimethylamino)propyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-200:** 4-[6-(2-ethoxyphenyl)-5-fluoropyridin-3-yl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-201:** 4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}-1-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-202:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)-5-fluoropyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-203:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-204:** 1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(5-fluoro-2-methoxyphenyl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-205:** N-(3-aminopropyl)-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-206:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[3-(methylamino)propyl]piperidine-4-carboxamide;
- 1-207:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[3-(dimethylamino)propyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-208:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-ethyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-209:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{3,5'-difluoro-2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-210:** 4-{3,5'-difluoro-2'-methoxy-[2,3'-bipyridin]-5-yl}-1-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(3S)-1-methylpyrrolidin-3-yl]piperidine-4-carboxamide;
- 1-211:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-[(1-methylazetidin-3-yl)methyl]piperidine-4-carboxamide;
- 1-212:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-213:** N-{[(2S)-azetidin-2-yl]methyl}-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;

- 1-214:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;
- 1-215:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;
- 1-216:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-217:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-{[(2S)-1-methylazetidin-2-yl]methyl}piperidine-4-carboxamide;
- 1-218:** N-[(3S)-1-azabicyclo[2.2.2]octan-3-yl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-219:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-(1-methylazetidin-3-yl)piperidine-4-carboxamide;
- 1-220:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(1-methylazetidin-3-yl)methyl]piperidine-4-carboxamide;
- 1-221:** N-{1-azabicyclo[2.2.1]heptan-4-yl}-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-222:** N-[2-(dimethylamino)ethyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-1-[2-fluoro-4-(trifluoromethyl)phenyl]piperidine-4-carboxamide;
- 1-223:** 4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-1-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;
- 1-224:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;
- 1-225:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;
- 1-226:** N-[2-(dimethylamino)ethyl]-4-[6-(2-ethoxyphenyl)pyridin-3-yl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]piperidine-4-carboxamide;
- 1-227:** 4-[6-(2-ethoxyphenyl)pyridin-3-yl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;
- 1-228:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-[6-(2-ethoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-229:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-{[(2S)-1-methylpyrrolidin-2-yl]methyl}piperidine-4-carboxamide;
- 1-230:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)pyridin-3-yl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

- 1-231:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-{[(2R)-pyrrolidin-2-yl]methyl}piperidine-4-carboxamide;
- 1-232:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-{[(2R)-1-methylpyrrolidin-2-yl]methyl}piperidine-4-carboxamide;
- 1-233:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(1S,3S)-3-aminocyclobutyl]piperidine-4-carboxamide;
- 1-234:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(1R,3R)-3-aminocyclobutyl]piperidine-4-carboxamide;
- 1-235:** N-{[(2S)-azetidin-2-yl]methyl}-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-236:** N-{[(2R)-azetidin-2-yl]methyl}-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-237:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3R,4S)-4-fluoropyrrolidin-3-yl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-238:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3R,4R)-4-fluoropyrrolidin-3-yl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-239:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(1S,3S)-3-(dimethylamino)cyclobutyl]piperidine-4-carboxamide;
- 1-240:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(1R,3R)-3-(dimethylamino)cyclobutyl]piperidine-4-carboxamide;
- 1-241:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-{[(2S)-1-methylazetidin-2-yl]methyl}piperidine-4-carboxamide;
- 1-242:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3R,4S)-4-fluoro-1-methylpyrrolidin-3-yl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-243:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3R,4R)-4-fluoro-1-methylpyrrolidin-3-yl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-244:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-{[(2R)-1-methylazetidin-2-yl]methyl}piperidine-4-carboxamide;
- 1-245:** N-[2-(azetidin-1-yl)ethyl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-246:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-{[(2S,4S)-4-fluoropyrrolidin-2-yl]methyl}-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-247:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-{[(2S,4R)-4-fluoropyrrolidin-2-yl]methyl}-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;

1-248: N-[2-(azetidin-1-yl)ethyl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-249: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-{[(2S,4S)-4-fluoro-1-methylpyrrolidin-2-yl]methyl}-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;

1-250: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-{[(2S,4R)-4-fluoro-1-methylpyrrolidin-2-yl]methyl}-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;

1-251: rac-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(1S,2S,4R)-7-methyl-7-azabicyclo[2.2.1]heptan-2-yl]piperidine-4-carboxamide;

1-252: rac-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-[(1S,2S,4R)-7-methyl-7-azabicyclo[2.2.1]heptan-2-yl]piperidine-4-carboxamide;

1-253: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3S)-1,3-dimethylpyrrolidin-3-yl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-254: N-[2-(dimethylamino)ethyl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;

1-255: 1-[2-chloro-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;

1-256: 1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

1-257: 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

1-258: rac-N-[(1R,2S)-2-aminocyclopropyl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-259: rac-N-[(1R,2R)-2-aminocyclopropyl]-1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-260: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(2R)-1-(dimethylamino)propan-2-yl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-261: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(2S)-1-(dimethylamino)propan-2-yl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-262: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-{3-[(dimethylamino)methyl]oxetan-3-yl}-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

- 1-263:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-{[1-(dimethylamino)cyclopropyl]methyl}-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-264:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3S,4S)-4-(dimethylamino)oxolan-3-yl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-265:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-{2-[ethyl(methyl)amino]ethyl}-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-266:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-{2-[cyclopropyl(methyl)amino]ethyl}-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-267:** rac-1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3S,4R)-4-methoxy-1-methylpyrrolidin-3-yl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-268:** rac-1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3R,4R)-4-methoxy-1-methylpyrrolidin-3-yl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-269:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3R,4R)-4-hydroxy-1-methylpyrrolidin-3-yl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-270:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(3S,4S)-4-hydroxy-1-methylpyrrolidin-3-yl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-271:** N-[2-(dimethylamino)ethyl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-{2'-methoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;
- 1-272:** 1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-{2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;
- 1-273:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-{2'-methoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;
- 1-274:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-{2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;
- 1-275:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(2R)-2-(dimethylamino)-3-hydroxypropyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-276:** N-[2-(dimethylamino)ethyl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-277: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-{[(2S,4S)-4-fluoro-1-methylpyrrolidin-2-yl]methyl}-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-278: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-{[(2S,4R)-4-fluoro-1-methylpyrrolidin-2-yl]methyl}-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-279: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-{[(2S)-4,4-difluoro-1-methylpyrrolidin-2-yl]methyl}-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-280: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-{[(2R)-4,4-difluoro-1-methylpyrrolidin-2-yl]methyl}-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-281: 1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

1-282: 1-[2-chloro-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-283: 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

1-284: N-[2-(dimethylamino)ethyl]-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}-1-[2-fluoro-4-(trifluoromethyl)phenyl]piperidine-4-carboxamide;

1-285: N-[2-(dimethylamino)ethyl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;

1-286: 1-[2-chloro-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]piperidine-4-carboxamide;

1-287: 4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}-1-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

1-288: 1-[2-chloro-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;

1-289: N-[2-(dimethylamino)ethyl]-4-[6-(2-ethoxyphenyl)-5-fluoropyridin-3-yl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]piperidine-4-carboxamide;

1-290: 4-[6-(2-ethoxyphenyl)-5-fluoropyridin-3-yl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

1-291: 1-[2-chloro-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-[6-(2-ethoxyphenyl)-5-fluoropyridin-3-yl]piperidine-4-carboxamide;

1-292: 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)-5-fluoropyridin-3-yl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

1-293: 1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

1-294: 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

1-295: N-[(2S)-1-(dimethylamino)propan-2-yl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-{2'-methoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;

1-296: 1-[2-chloro-4-(trifluoromethyl)phenyl]-N-[(2S)-1-(dimethylamino)propan-2-yl]-4-{2'-methoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;

1-297: N-[(2S)-1-(dimethylamino)propan-2-yl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-298: 1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(2S)-1-(methylamino)propan-2-yl]piperidine-4-carboxamide;

1-299: 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

1-300: N-[2-(dimethylamino)ethyl]-4-{3-fluoro-2'-methoxy-[2,3'-bipyridin]-5-yl}-1-[2-fluoro-4-(trifluoromethyl)phenyl]piperidine-4-carboxamide;

1-301: 4-{3-fluoro-2'-methoxy-[2,3'-bipyridin]-5-yl}-1-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

1-302: 1-[2-chloro-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-{3-fluoro-2'-methoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;

1-303: 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-{3-fluoro-2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

1-304: N-[2-(dimethylamino)ethyl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;

1-305: 1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;

1-306: 1-[2-fluoro-4-(trifluoromethyl)phenyl]-4-{2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[(2S)-1-(methylamino)propan-2-yl]piperidine-4-carboxamide;

1-307: 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-{2'-methoxy-[2,3'-bipyridin]-5-yl}-N-[(2S)-1-(methylamino)propan-2-yl]piperidine-4-carboxamide;

1-308: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;

- 1-309:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-[5-fluoro-6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-310:** 1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;
- 1-311:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}-N-[2-(methylamino)ethyl]piperidine-4-carboxamide;
- 1-312:** N-[(2S)-1-(dimethylamino)propan-2-yl]-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}-1-[2-fluoro-4-(trifluoromethyl)phenyl]piperidine-4-carboxamide;
- 1-313:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(2S)-1-(dimethylamino)propan-2-yl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;
- 1-314:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(2S)-1-(methylamino)propan-2-yl]piperidine-4-carboxamide;
- 1-315:** 4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}-1-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(2S)-1-(methylamino)propan-2-yl]piperidine-4-carboxamide;
- 1-316:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(2S)-1-(methylamino)propan-2-yl]piperidine-4-carboxamide;
- 1-317:** N-[(2S)-1-(dimethylamino)propan-2-yl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-1-[2-fluoro-4-(trifluoromethyl)phenyl]piperidine-4-carboxamide;
- 1-318:** 1-(2,4-dichlorophenyl)-N-[(2S)-1-(dimethylamino)propan-2-yl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;
- 1-319:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(2S)-1-(dimethylamino)propan-2-yl]-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;
- 1-320:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}-N-[(2S)-1-(methylamino)propan-2-yl]piperidine-4-carboxamide;
- 1-321:** 4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-1-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(2S)-1-(methylamino)propan-2-yl]piperidine-4-carboxamide;
- 1-322:** 1-(2,4-dichlorophenyl)-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}-N-[(2S)-1-(methylamino)propan-2-yl]piperidine-4-carboxamide;
- 1-323:** 1-(4-chloro-2-cyanophenyl)-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}-N-[(2S)-1-(methylamino)propan-2-yl]piperidine-4-carboxamide;
- 1-324:** 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(2S)-1-(dimethylamino)propan-2-yl]-4-[5-fluoro-6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidine-4-carboxamide;
- 1-325:** 1-(4-chloro-2-cyanophenyl)-N-[(2S)-1-(dimethylamino)propan-2-yl]-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;

1-326: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]-N-[(2S)-1-(methylamino)propan-2-yl]piperidine-4-carboxamide;

1-327: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-{[(2S)-4-methylmorpholin-2-yl]methyl}piperidine-4-carboxamide;

1-328: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-{[(3S)-4-methylmorpholin-3-yl]methyl}piperidine-4-carboxamide;

1-329: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-{[(3R)-4-methylmorpholin-3-yl]methyl}piperidine-4-carboxamide;

1-330: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]-N-{[(2R)-4-methylmorpholin-2-yl]methyl}piperidine-4-carboxamide;

1-331: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[2-(dimethylamino)ethyl]-4-[6-(2-ethoxypyridin-3-yl)pyridazin-3-yl]piperidine-4-carboxamide;

1-332: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(2S)-2-(dimethylamino)propyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;

1-333: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(2R)-2-(dimethylamino)propyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;

1-334: 1-[2-cyano-4-(trifluoromethyl)phenyl]-N-[(2R)-2-(dimethylamino)-3-hydroxypropyl]-4-{2'-ethoxy-3-fluoro-[2,3'-bipyridin]-5-yl}piperidine-4-carboxamide;

1-335: N-[2-(dimethylamino)ethyl]-4-[6-(2-ethoxypyridin-3-yl)pyridazin-3-yl]-1-[2-fluoro-4-(trifluoromethyl)phenyl]piperidine-4-carboxamide;

2-1: 2-{4-[2-(dimethylamino)ethoxy]-4-[4-(2-ethoxypyridin-3-yl)phenyl]piperidin-1-yl}-5-(trifluoromethyl)benzonitrile;

2-2: 1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]piperidin-4-yl N-[2-(dimethylamino)ethyl]carbamate;

2-3: 3-amino-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]piperidin-4-yl}propanamide;

2-4: 3-amino-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidin-4-yl}propanamide;

2-5: N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidin-4-yl}-3-(methylamino)propanamide;

2-6: (3R)-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidin-4-yl}pyrrolidine-3-carboxamide;

2-7: (3R)-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidin-4-yl}-1-methylpyrrolidine-3-carboxamide;

2-8: (3S)-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}}piperidin-4-yl}pyrrolidine-3-carboxamide;

2-9: (3S)-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}}piperidin-4-yl}-1-methylpyrrolidine-3-carboxamide;

2-10: N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}}piperidin-4-yl}-3-(dimethylamino)propanamide;

2-11: (2S)-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]piperidin-4-yl}-1-methylpyrrolidine-2-carboxamide;

2-12: (3R)-1-methylpyrrolidin-3-yl N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]piperidin-4-yl} carbamate;

2-13: (3S)-1-methylpyrrolidin-3-yl N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]piperidin-4-yl} carbamate;

2-14: 2-(4-{2'-ethoxy-[2,3'-bipyridin]-5-yl})-4-[(2-hydroxyethyl)amino]piperidin-1-yl)-5-(trifluoromethyl)benzonitrile;

2-15: 2-(4-{2'-ethoxy-[2,3'-bipyridin]-5-yl})-4-{[2-(methylamino)ethyl]amino}piperidin-1-yl)-5-(trifluoromethyl)benzonitrile;

2-16: N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]piperidin-4-yl}-1-methylazetidine-3-carboxamide;

2-17: (2R)-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[4-(2-ethoxypyridin-3-yl)phenyl]piperidin-4-yl}-1-methylpyrrolidine-2-carboxamide;

2-18: (3S)-1-methylpyrrolidin-3-yl N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}}piperidin-4-yl} carbamate;

2-19: 1-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}}piperidin-4-yl}-3-[(3R)-1-methylpyrrolidin-3-yl]urea;

2-20: 1-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}}piperidin-4-yl}-3-[(3S)-1-methylpyrrolidin-3-yl]urea;

2-21: (3R)-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}}piperidin-4-yl}-3-(methylamino)pyrrolidine-1-carboxamide;

2-22: (3R)-1-methylpyrrolidin-3-yl N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}}piperidin-4-yl} carbamate;

2-23: N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}}piperidin-4-yl}-3-(methylamino)azetidine-1-carboxamide;

2-24: (3S)-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}}piperidin-4-yl}-3-(methylamino)pyrrolidine-1-carboxamide;

2-25: N-[1-(4-chloro-2-cyanophenyl)-4-[6-(2-ethoxyphenyl)pyridin-3-yl]piperidin-4-yl]-1-methylazetidine-3-carboxamide;

2-26: N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidin-4-yl}-2-(dimethylamino)acetamide;

2-27: (3S)-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)pyridin-3-yl]piperidin-4-yl}-1-methylpyrrolidine-3-carboxamide;

2-28: (3S)-N-[1-(4-chloro-2-cyanophenyl)-4-[6-(2-ethoxyphenyl)pyridin-3-yl]piperidin-4-yl]-1-methylpyrrolidine-3-carboxamide;

2-29: (3R)-N-[1-(4-chloro-2-cyanophenyl)-4-[6-(2-ethoxyphenyl)pyridin-3-yl]piperidin-4-yl]-1-methylpyrrolidine-3-carboxamide;

2-30: N-[1-(4-chloro-2-cyanophenyl)-4-[6-(2-ethoxyphenyl)pyridin-3-yl]piperidin-4-yl]-3-(dimethylamino)propanamide;

2-31: N-[1-(4-chloro-2-cyanophenyl)-4-[6-(2-ethoxyphenyl)pyridin-3-yl]piperidin-4-yl]-2-(dimethylamino)acetamide;

2-32: N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidin-4-yl}-1-methylazetidine-3-carboxamide;

2-33: (3R)-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)pyridin-3-yl]piperidin-4-yl}-1-methylpyrrolidine-3-carboxamide;

2-34: N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)pyridin-3-yl]piperidin-4-yl}-2-(dimethylamino)acetamide;

2-35: N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)pyridin-3-yl]piperidin-4-yl}-1-methylazetidine-3-carboxamide;

2-36: N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxyphenyl)pyridin-3-yl]piperidin-4-yl}-3-(dimethylamino)propanamide;

2-37: N-[1-(4-chloro-2-cyanophenyl)-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidin-4-yl]-1-methylazetidine-3-carboxamide;

2-38: N-[1-(4-chloro-2-cyanophenyl)-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidin-4-yl]-2-(dimethylamino)acetamide;

2-39: (3S)-N-[1-(4-chloro-2-cyanophenyl)-4-{2'-ethoxy-[2,3'-bipyridin]-5-yl}piperidin-4-yl]-1-methylpyrrolidine-3-carboxamide;

2-40: N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-{2'-methoxy-[2,3'-bipyridin]-5-yl}piperidin-4-yl}-1-methylazetidine-3-carboxamide;

2-41: (3R)-1-methylpyrrolidin-3-yl N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidin-4-yl}carbamate;

- 2-42:** (3S)-1-methylpyrrolidin-3-yl N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidin-4-yl} carbamate;
- 2-43:** 1-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidin-4-yl}-3-[(3S)-1-methylpyrrolidin-3-yl]urea;
- 2-44:** (3S)-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidin-4-yl}pyrrolidine-3-carboxamide;
- 2-45:** N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidin-4-yl}-1-methylazetidine-3-carboxamide;
- 2-46:** (3S)-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidin-4-yl}-1-methylpyrrolidine-3-carboxamide; and
- 2-47:** (3R)-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidin-4-yl}-1-methylpyrrolidine-3-carboxamide;
- 2-48:** 1-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(1-methyl-1H-pyrrol-2-yl)pyridin-3-yl]piperidin-4-yl}-3-[(3R)-1-methylpyrrolidin-3-yl]urea;
- 2-49:** (3S)-1-methylpyrrolidin-3-yl N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl} carbamate;
- 2-50:** (3R)-1-methylpyrrolidin-3-yl N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl} carbamate;
- 2-51:** 1-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl}-3-[(3S)-1-methylpyrrolidin-3-yl]urea;
- 2-52:** 1-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl}-3-[(3R)-1-methylpyrrolidin-3-yl]urea;
- 2-53:** (3S)-1-methylpyrrolidin-3-yl N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl} carbamate;
- 2-54:** (3R)-1-methylpyrrolidin-3-yl N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl} carbamate;
- 2-55:** 1-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl}-3-[(3S)-1-methylpyrrolidin-3-yl]urea;
- 2-56:** 1-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl}-3-[(3R)-1-methylpyrrolidin-3-yl]urea;
- 2-57:** 2-(dimethylamino)ethyl N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl} carbamate;
- 2-58:** 1-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl}-3-[2-(dimethylamino)ethyl]urea;

2-59: 1-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl}-3-(1-methylazetidin-3-yl)urea;

2-60: (3R)-N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl}-1-methylpyrrolidine-3-carboxamide;

2-61: N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl}-2-(dimethylamino)acetamide;

2-62: N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl}-3-(dimethylamino)propanamide;

2-63: N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[5-fluoro-6-(2-methoxyphenyl)pyridin-3-yl]piperidin-4-yl}-3-(methylamino)propanamide;

2-64: N-{1-[2-cyano-4-(trifluoromethyl)phenyl]-4-[6-(2-ethoxypyridin-3-yl)pyridazin-3-yl]piperidin-4-yl}-3-(dimethylamino)propanamide;

or a pharmaceutically acceptable salt, or solvate thereof.

59. A pharmaceutical composition comprising a compound of any one of claims 1-58, or a pharmaceutically acceptable salt, or solvate thereof, and at least one pharmaceutically acceptable excipient.
60. The pharmaceutical composition of claim 59, wherein the pharmaceutical composition is formulated for administration to a mammal by intravenous administration, subcutaneous administration, oral administration, inhalation, nasal administration, dermal administration, or ophthalmic administration.
61. The pharmaceutical composition of claim 59, wherein the pharmaceutical composition is in the form of a tablet, a pill, a capsule, a liquid, a suspension, a gel, a dispersion, a solution, an emulsion, an ointment, or a lotion.
62. A method of treating a disease or condition in a mammal that would benefit from the modulation of melanocortin subtype-2 receptor (MC2R) activity comprising administering a compound of any one of claims 1-58, or a pharmaceutically acceptable salt, or solvate thereof, to the mammal in need thereof.
63. The method of claim 62, wherein the disease or condition comprises growth of fat pads in the collarbone, back of neck, face and trunk, excessive sweating, dilation of capillaries, thinning of the skin, muscle weakness, hirsutism, depression/anxiety, hypertension, osteoporosis, insulin resistance, hyperglycemia, and heart disease.
64. A method of treating Cushing's syndrome in a mammal comprising administering a compound of any one of claims 1-58, or a pharmaceutically acceptable salt, or solvate thereof, to the mammal in need thereof.

65. A method of treating ectopic Cushing's syndrome in a mammal comprising administering a compound of any one of claims 1-58, or a pharmaceutically acceptable salt, or solvate thereof, to the mammal in need thereof.
66. A method of treating congenital adrenal hyperplasia (CAH) in a mammal comprising administering a compound of any one of claims 1-58, or a pharmaceutically acceptable salt, or solvate thereof, to the mammal in need thereof.
67. A method of reducing the secretion of adrenocorticotrophic hormone (ACTH) in a mammal comprising administering a compound of any one of claims 1-58, or a pharmaceutically acceptable salt, or solvate thereof to the mammal in need thereof.