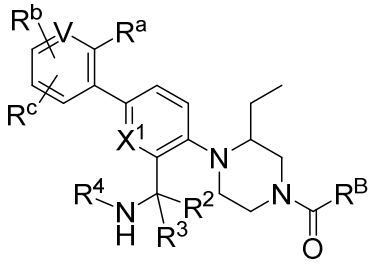
gel, a dispersion, a solution, an emulsion, an ointment, or a lotion. In some embodiments, the pharmaceutical composition is in the form of a tablet, a pill, or a capsule.

[0008] In any of the aforementioned aspects are further embodiments in which the effective amount of the compound of Formula (I), or a pharmaceutically acceptable salt thereof, is: (a) systemically administered to the mammal; and/or (b) administered orally to the mammal; and/or (c) intravenously administered to the mammal; and/or (d) administered by inhalation; and/or (e) administered by nasal administration; or and/or (f) administered by injection to the mammal; and/or (g) administered topically to the mammal; and/or (h) administered by ophthalmic administration; and/or (i) administered rectally to the mammal; and/or (j) adminstered non-systemically or locally to the mammal.

[0008a] In one aspect, described herein is a compound of Formula (IX), or a pharmaceutically acceptable salt, or solvate thereof:



Formula (IX)

wherein:

V is CH or N;

R^a is selected from the group consisting of hydrogen, halogen, $-OR^8$, -CN, $-N(R^7)_2$, 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, wherein any substituted group of R^a is substituted with one or more R^9 groups;

R^b and R^c are each independently selected from the group consisting of hydrogen, halogen, $-OR^8$, -CN, $-N(R^7)_2$, unsubstituted or substituted C_1-C_6 alkyl, unsubstituted or substituted C_1-C_6 fluoroalkyl, unsubstituted or substituted C_1-C_6

heteroalkyl, wherein any substituted group of R^b and R^c is substituted with one or more R^9 groups;

R^B is unsubstituted or substituted carbocycle, unsubstituted or substituted heterocycle, unsubstituted or substituted C_1-C_7 alkyl, unsubstituted or substituted C_1-C_7 fluoroalkyl, unsubstituted or substituted C_1-C_6 heteroalkyl, wherein if R^B is substituted then R^B is substituted with R^d, R^e and R^f;

R^d is selected from the group consisting of hydrogen, halogen, $-OR^8$, -CN, $-N(R^7)_2$, 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 or unsubstituted or substituted monocyclic heteroaryl, wherein any substituted group of R^d is substituted with one or more R^9 groups;

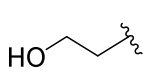
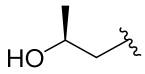
R^e and R^f are each independently selected from the group consisting of hydrogen, halogen, $-OR^8$, -CN, $-N(R^7)_2$, unsubstituted or substituted C_1-C_6 alkyl, unsubstituted or substituted C_1-C_6 fluoroalkyl, unsubstituted or substituted C_1-C_6 heteroalkyl, wherein any substituted group of R^d is substituted with one or more R^9 groups;

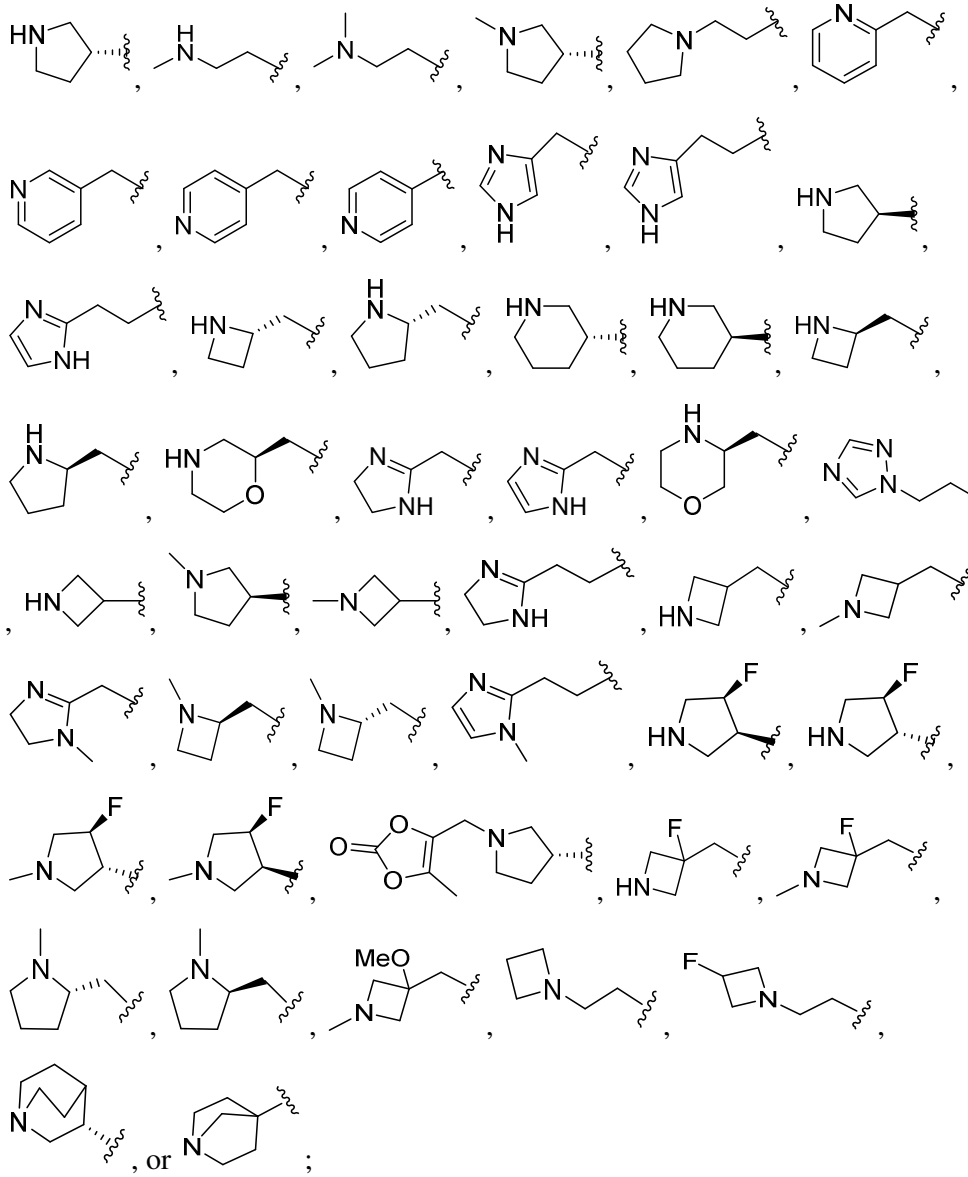
X^1 is N or CR^6;

R^2 and R^3 are hydrogen;

or R^2 and R^3 are taken together with the carbon atom to which they are attached to form -C(=O)-;

R^4 is selected from the group consisting of hydrogen, unsubstituted or substituted C_1-C_6 alkyl, unsubstituted or substituted monocyclic carbocycle, unsubstituted or substituted monocyclic heterocycle, unsubstituted or substituted -(C_1-C_6 alkyl)-carbocycle, or unsubstituted or substituted -(C_1-C_6 alkyl)-heterocycle, wherein any substituted group of R^4 and R^5 is substituted with one or more halogen, unsubstituted or substituted C_1-C_6 alkyl, unsubstituted or substituted monocyclic heterocycle, $-N(R^7)_2$, $-OR^8$, -CN, $-CO_2R^8$, $-C(=O)N(R^7)_2$, $-SR^8$, $-S(=O)R^{10}$, $-S(=O)_2R^{10}$, $-NR^7C(=O)R^8$, $-NR^7SO_2R^{10}$, $-SO_2R^{10}$, or $-SO_2N(R^7)_2$;

or R^4 is H, $-CH_3$, , , $-CH_2CH_2NH_2$, $-CH_2(CH_2)_2NH_2$,



R^6 is H or F;

each R^7 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_6fluoroalkyl, unsubstituted or substituted aryl, unsubstituted or substituted heteroaryl;

or two R^7 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^8 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_6fluoroalkyl, unsubstituted or substituted aryl, and unsubstituted or substituted heteroaryl;

each R^9 is independently hydrogen, halogen, unsubstituted or substituted C_1-C_4alkyl, unsubstituted or substituted C_1-C_4alkoxy, unsubstituted or substituted C_1-C_4fluoroalkyl, unsubstituted or substituted C_1-C_4fluoroalkoxy, unsubstituted or substituted monocyclic carbocycle, unsubstituted or substituted monocyclic heterocycle, -CN, -OH, $-CO_2R^8$, $-CH_2CO_2R^8$, $-C(=O)N(R^7)_2$, $-C(=O)N(R^7)OR^8$, $-CH_2C(=O)N(R^7)_2$, $-N(R^7)_2$, $-CH_2N(R^7)_2$, $-C(R^8)_2N(R^7)_2$, $-NR^7C(=O)R^8$, $-CH_2NR^7C(=O)R^8$, $-NR^7C(=O)N(R^7)_2$, $-NR^7C(=O)N(R^7)_2$, $C(R^8)=N(R^7)-OR^8$, $-SR^8$, $-S(=O)R^{10}$, $-SO_2R^{10}$, or $-SO_2N(R^7)_2$; and

each R^{10} is independently selected from the group consisting of unsubstituted or substituted C_1-C_6 alkyl, unsubstituted or substituted C_3-C_6 cycloalkyl, unsubstituted or substituted C_1-C_6fluoroalkyl, unsubstituted or substituted phenyl, and unsubstituted or substituted heteroaryl.

[0008b] In one aspect, described herein is a Use of a compound of any one of claims 1-18 in the manufacture of a medicament for treating a disease or condition in a mammal that would benefit from the modulation of melanocortin subtype-2 receptor (MC2R) activity; 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; or wherein the disease or condition is Cushing's syndrome; or wherein the disease or condition is Cushing's disease; or wherein the disease or condition is ectopic ACTH syndrome; or wherein the disease or condition is congenital adrenal hyperplasia.

[0009] In any of the aforementioned aspects are further embodiments comprising single administrations of the effective amount of the compound, including further embodiments in which the compound is administered once a day to the mammal or the compound is administered to the mammal multiple times over the span of one day. In some embodiments, the compound is administered on a continuous dosing schedule. In some embodiments, the compound is administered on a continuous daily dosing schedule.

[0010] In any of the embodiments disclosed herein, the mammal is a human.

[0011] In some embodiments, compounds provided herein are orally administered to a human.

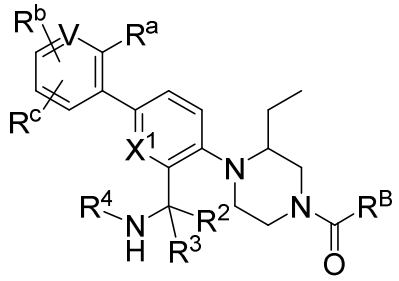
[0012] Articles of manufacture, which include packaging material, a compound of Formula (I), or a pharmaceutically acceptable salt thereof, within the packaging material, and a label that indicates that the compound or composition, or pharmaceutically acceptable salt, tautomers, pharmaceutically acceptable N-oxide, pharmaceutically active metabolite, pharmaceutically acceptable prodrug, or pharmaceutically acceptable solvate thereof, is used for modulating one or more subtype melanocortin receptor proteins, or for the treatment, prevention or amelioration of one or more symptoms of a disease or condition that would benefit from modulating one or more subtype melanocortin receptor proteins, are provided.

[0013] Other objects, features and advantages of the compounds, methods and compositions described herein will become apparent from the following detailed description. It should be understood, however, that the detailed description and the specific examples, while indicating specific embodiments, are given by way of illustration only, since various changes and modifications within the spirit and scope of the instant disclosure will become apparent to those skilled in the art from this detailed description.

CLAIMS

WHAT IS CLAIMED IS:

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



Formula (IX)

wherein:

V is CH or N;

R^a is selected from the group consisting of hydrogen, halogen, $-OR^8$, -CN, $-N(R^7)_2$, 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, wherein any substituted group of R^a is substituted with one or more R^9 groups;

R^b and R^c are each independently selected from the group consisting of hydrogen, halogen, $-OR^8$, -CN, $-N(R^7)_2$, unsubstituted or substituted C_1-C_6 alkyl, unsubstituted or substituted C_1-C_6 fluoroalkyl, unsubstituted or substituted C_1-C_6 heteroalkyl, wherein any substituted group of R^b and R^c is substituted with one or more R^9 groups;

R^B is unsubstituted or substituted carbocycle, unsubstituted or substituted heterocycle, unsubstituted or substituted C_1-C_7 alkyl, unsubstituted or substituted C_1-C_7 fluoroalkyl, unsubstituted or substituted C_1-C_6 heteroalkyl, wherein if R^B is substituted then R^B is substituted with R^d, R^e and R^f;

R^d is selected from the group consisting of hydrogen, halogen, $-OR^8$, -CN, $-N(R^7)_2$, 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 or unsubstituted or substituted monocyclic heteroaryl, wherein any substituted group of R^d is substituted with one or more R^9 groups;

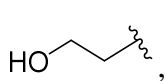
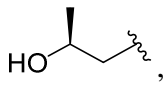
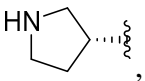
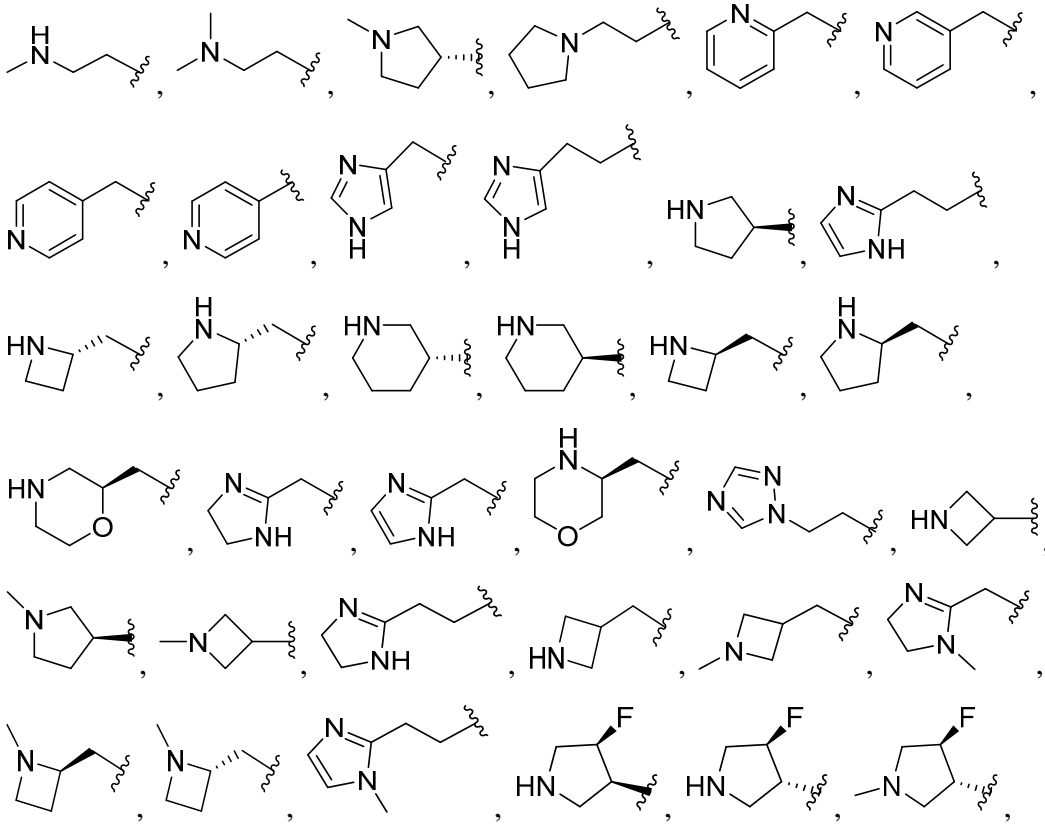
R^e and R^f are each independently selected from the group consisting of hydrogen, halogen, -OR^8, -CN, -$N(R^7)_2$, unsubstituted or substituted C_1-C_6 alkyl, unsubstituted or substituted C_1-C_6 fluoroalkyl, unsubstituted or substituted C_1-C_6 heteroalkyl, wherein any substituted group of R^d is substituted with one or more R^9 groups;

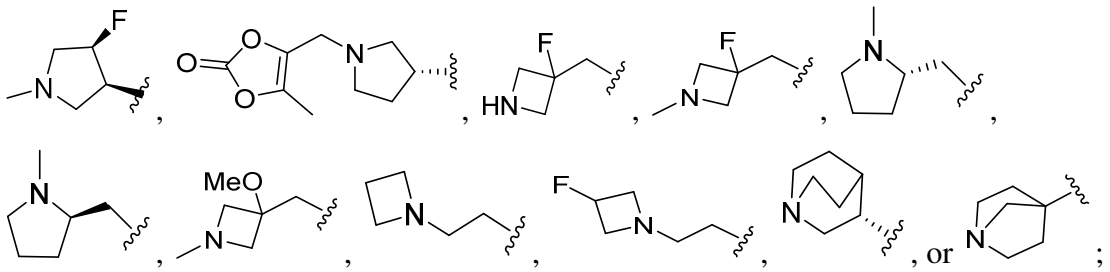
X^1 is N or CR^6;

R^2 and R^3 are hydrogen;

or R^2 and R^3 are taken together with the carbon atom to which they are attached to form -C(=O)-;

R^4 is selected from the group consisting of hydrogen, unsubstituted or substituted C_1-C_6 alkyl, unsubstituted or substituted monocyclic carbocycle, unsubstituted or substituted monocyclic heterocycle, unsubstituted or substituted -(C_1-C_6 alkyl)-carbocycle, or unsubstituted or substituted -(C_1-C_6 alkyl)-heterocycle, wherein any substituted group of R^4 and R^5 is substituted with one or more halogen, unsubstituted or substituted C_1-C_6 alkyl, unsubstituted or substituted monocyclic heterocycle, -$N(R^7)_2$, -OR^8, -CN, -CO_2R^8, -$C(=O)N(R^7)_2$, -SR^8, -$S(=O)R^{10}$, -$S(=O)_2R^{10}$, -$NR^7C(=O)R^8$, -$NR^7SO_2R^{10}$, -SO_2R^{10}, or -$SO_2N(R^7)_2$;

or R^4 is H, -CH_3, , , -$CH_2CH_2NH_2$, -$CH_2(CH_2)_2NH_2$, , 



R^6 is H or F;

each R^7 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_6fluoroalkyl, unsubstituted or substituted aryl, unsubstituted or substituted heteroaryl;

or two R^7 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^8 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_6fluoroalkyl, unsubstituted or substituted aryl, and unsubstituted or substituted heteroaryl;

each R^9 is independently hydrogen, halogen, unsubstituted or substituted C_1-C_4alkyl, unsubstituted or substituted C_1-C_4alkoxy, unsubstituted or substituted C_1-C_4fluoroalkyl, unsubstituted or substituted C_1-C_4fluoroalkoxy, unsubstituted or substituted monocyclic carbocycle, unsubstituted or substituted monocyclic heterocycle, -CN, -OH, $-CO_2R^8$, $-CH_2CO_2R^8$, $-C(=O)N(R^7)_2$, $-C(=O)N(R^7)OR^8$, $-CH_2C(=O)N(R^7)_2$, $-N(R^7)_2$, $-CH_2N(R^7)_2$, $-C(R^8)_2N(R^7)_2$, $-NR^7C(=O)R^8$, $-CH_2NR^7C(=O)R^8$, $-NR^7C(=O)N(R^7)_2$, $-NR^7C(=O)N(R^7)_2$, $C(R^8)=N(R^7)$-OR^8, $-SR^8$, $-S(=O)R^{10}$, $-SO_2R^{10}$, or $-SO_2N(R^7)_2$; and

each R^{10} is independently selected from the group consisting of unsubstituted or substituted C_1-C_6 alkyl, unsubstituted or substituted C_3-C_6 cycloalkyl, unsubstituted or substituted C_1-C_6fluoroalkyl, unsubstituted or substituted phenyl, and unsubstituted or substituted heteroaryl.

2. 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, $-OR^8$, -CN, $-N(R^7)_2$, 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 any substituted group of R^a is substituted with one or more R^9 groups; and

R^b and R^c are each independently selected from the group consisting of hydrogen, halogen, -OR^8, -$N(R^7)_2$, and unsubstituted or substituted C_1-C_6 alkyl, wherein any substituted group of R^b and R^c is substituted with one or more R^9 groups.

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

R^a is -OR^8; and

R^b and R^c are each hydrogen.

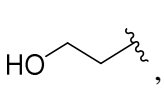
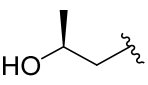
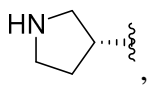
4. The compound of any one of claims 1-3, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

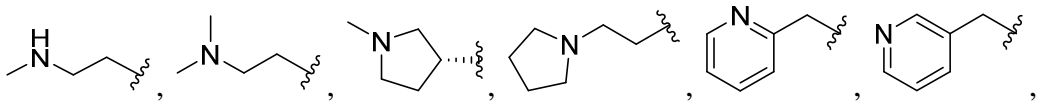
R^4 is selected from the group consisting of hydrogen, unsubstituted or substituted C_1-C_6 alkyl, unsubstituted or substituted monocyclic carbocycle, or unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycle containing 1-4 N atoms and 0 or 1 O or S atoms, wherein any substituted group of R^4 is substituted with one or more halogen, unsubstituted or substituted C_1-C_6 alkyl, unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycle containing 1-4 N atoms and 0 or 1 O or S atoms, -$N(R^7)_2$, -OR^8, -CN, -CO_2R^8, -$C(=O)N(R^7)_2$, -SR^8, -$S(=O)R^{10}$, -$S(=O)_2R^{10}$, -$NR^7C(=O)R^8$, -$NR^7SO_2R^{10}$, -SO_2R^{10}, or -$SO_2N(R^7)_2$.

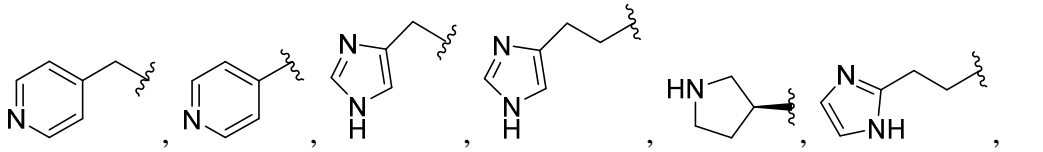
5. The compound of any one of claims 1-4, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

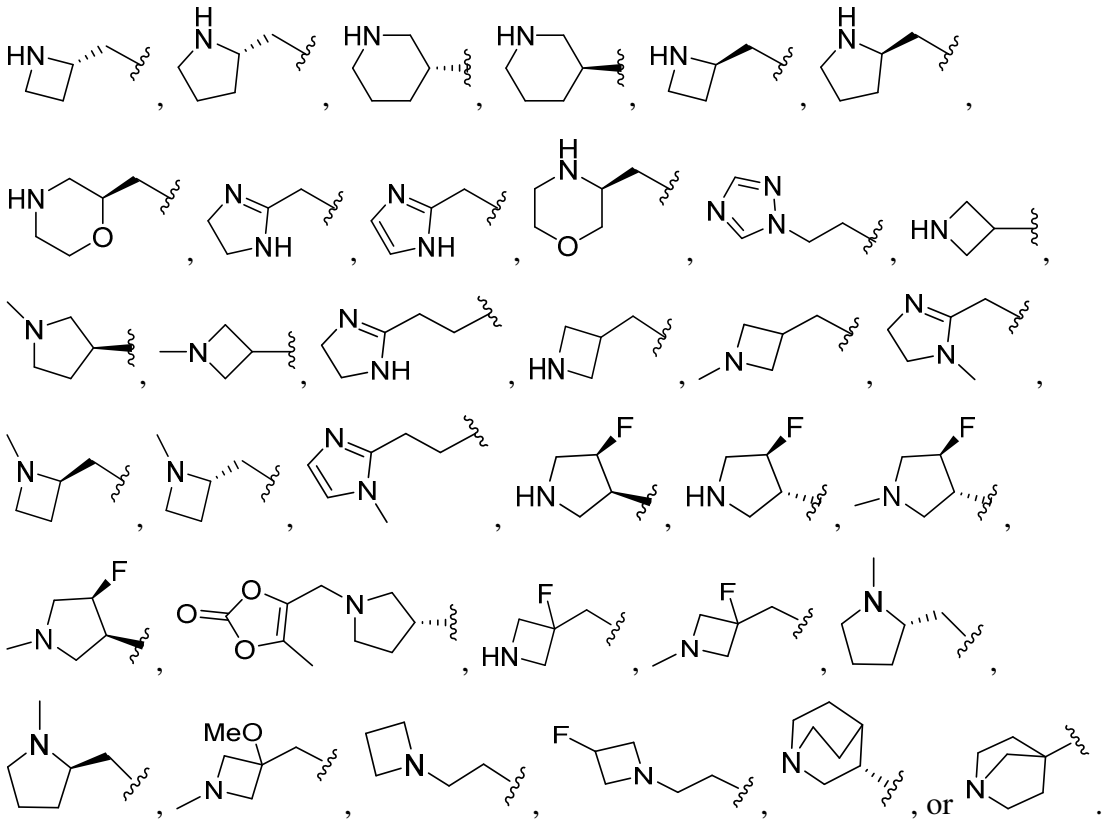
R^4 is an unsubstituted or substituted monocyclic 4-, 5- or 6-membered heterocycle containing 1-2 N atoms and 0 or 1 O or S atoms, wherein any substituted group of R^4 is substituted with one or more halogen, unsubstituted or substituted C_1-C_6 alkyl, -$N(R^7)_2$, -OR^8, or -CN.

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

R^4 is H, -CH_3, , , -$CH_2CH_2NH_2$, -$CH_2(CH_2)_2NH_2$, ,

,

,



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

R^B is an unsubstituted or substituted monocyclic carbocycle, unsubstituted or substituted bicyclic carbocycle, unsubstituted or substituted polycyclic carbocycle, unsubstituted or substituted monocyclic heterocycle, unsubstituted or substituted bicyclic heterocycle, unsubstituted or substituted polycyclic heterocycle, wherein if R^B is substituted then R^B is substituted with R^d, R^e and R^f.

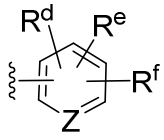
8. The compound of any one of claims 1-7, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

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, unsubstituted or substituted bicyclic heteroaryl, monocyclic C_3-C_8cycloalkyl, unsubstituted or substituted bridged C_5-C_{10}cycloalkyl, unsubstituted or substituted monocyclic C_2-C_8heterocycloalkyl, or unsubstituted or substituted bridged C_5-C_{10}heterocycloalkyl, wherein if R^B is substituted then R^B is substituted with R^d, R^e and R^f.

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

R^B is unsubstituted or substituted phenyl, unsubstituted or substituted monocyclic 6-membered heteroaryl, unsubstituted or substituted monocyclic 5-membered heteroaryl, unsubstituted or substituted bicyclic heteroaryl, monocyclic C_3-C_8cycloalkyl, or unsubstituted or substituted monocyclic C_2-C_8heterocycloalkyl, wherein if R^B is substituted then R^B is substituted with R^d, R^e and R^f.

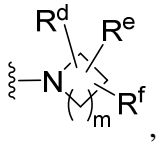
10. The compound of any one of claims 1-9, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^B is , where Z is CH or N.

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

R^B is unsubstituted or substituted cyclopropyl, unsubstituted or substituted cyclobutyl, unsubstituted or substituted cyclopentyl, unsubstituted or substituted cyclopentenyl, or unsubstituted or substituted cyclohexyl, wherein if R^B is substituted then R^B is substituted with R^d, R^e and R^f.

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

R^B is , where m is 0, 1, 2, or 3.

13. The compound of any one of claims 1-12, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^d is selected from the group consisting of hydrogen, halogen, $-OR^8$, -CN, $-N(R^7)_2$, 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 any substituted group of R^d is substituted with one or more R^9 groups;

R^e and R^f are independently selected from the group consisting of hydrogen, halogen, $-OR^8$, -CN, $-N(R^7)_2$, and unsubstituted or substituted C_1-C_6 alkyl, wherein any substituted group of R^e and R^f is substituted with one or more R^9 groups.

14. The compound of any one of claims 1-13, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

each R^7 is independently selected from the group consisting of hydrogen, substituted C_1-C_6 alkyl, unsubstituted or substituted C_3-C_6 cycloalkyl, and unsubstituted or substituted C_1-C_6fluoroalkyl;

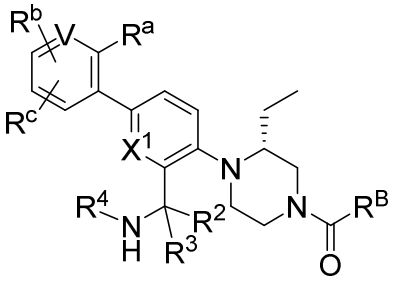
or two R^7 are taken together with the nitrogen atom to which they are attached to form an unsubstituted or substituted 3- to 6-membered monocyclic heterocycle;

each R^8 is independently selected from the group consisting of hydrogen, substituted or substituted C_1-C_6 alkyl, unsubstituted or substituted C_3-C_6 cycloalkyl, and unsubstituted or substituted C_1-C_6fluoroalkyl;

each R^9 is independently hydrogen, halogen, unsubstituted or substituted C_1-C_4alkyl, unsubstituted or substituted C_1-C_4alkoxy, unsubstituted or substituted C_1-C_4fluoroalkyl, unsubstituted or substituted C_1-C_4fluoroalkoxy, unsubstituted or substituted monocyclic carbocycle, unsubstituted or substituted monocyclic heterocycle, -CN, -OH, $-CO_2R^8$, $-CH_2CO_2R^8$, $-C(=O)N(R^7)_2$, $-CH_2C(=O)N(R^7)_2$, $-N(R^7)_2$, $-CH_2N(R^7)_2$, $-NR^7C(=O)R^8$, or $-CH_2NR^7C(=O)R^8$; and

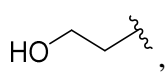
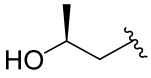
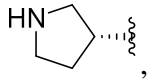
each R^{10} is independently selected from the group consisting substituted or substituted C_1-C_6 alkyl, unsubstituted or substituted C_3-C_6 cycloalkyl, unsubstituted or substituted C_1-C_6fluoroalkyl, and unsubstituted or substituted phenyl.

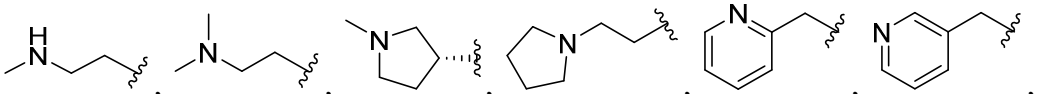
15. The compound of claim 1, or a pharmaceutically acceptable salt, or solvate thereof, wherein the compound of Formula (IX) has the structure of Formula (IXa), or a pharmaceutically acceptable salt, or solvate thereof:

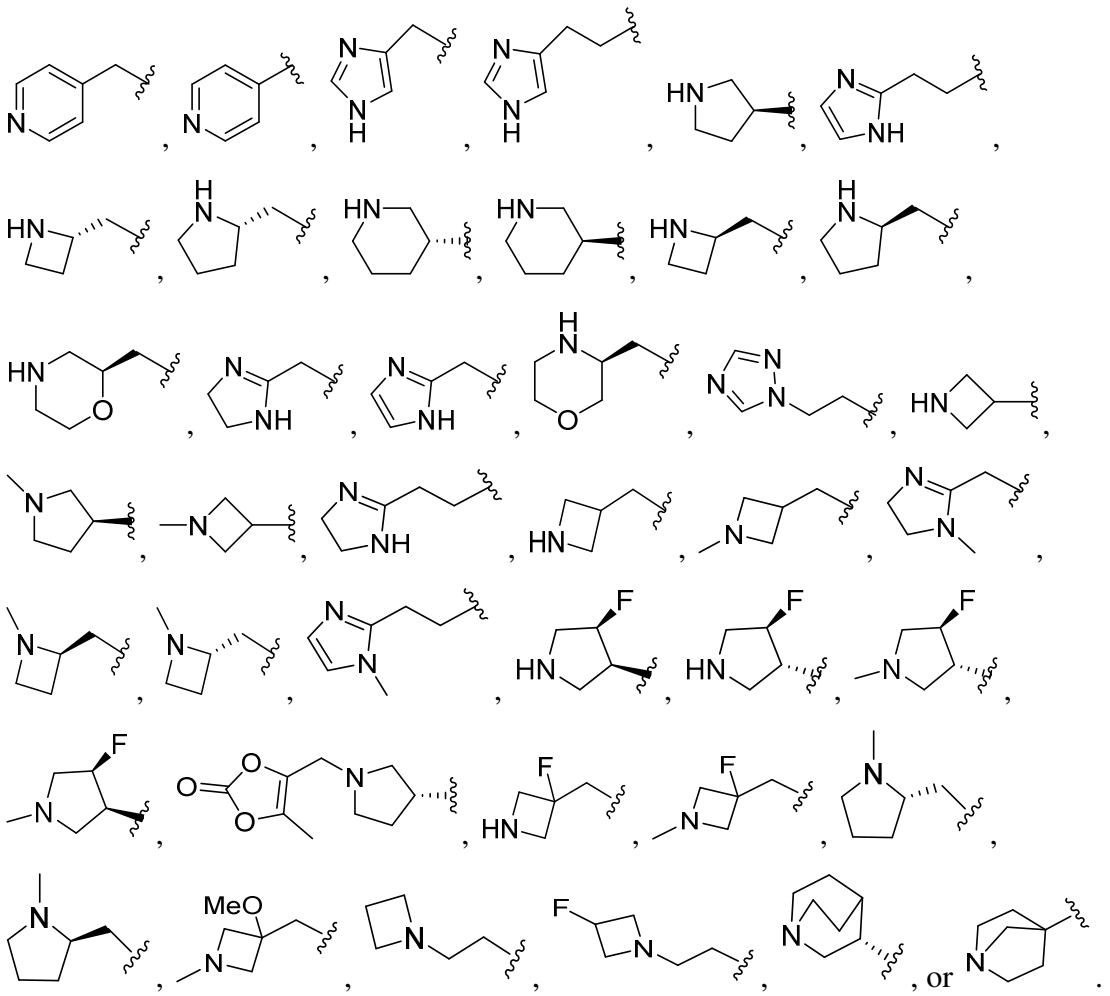


Formula (IXa).

16. The compound of claim 15, or a pharmaceutically acceptable salt, or solvate thereof, wherein:

R^4 is H, $-CH_3$, , , $-CH_2CH_2NH_2$, $-CH_2(CH_2)_2NH_2$, ,





17. The compound of claim 1, wherein the compound is:

1-1: N-(2-aminoethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2',3'-difluoro-[1,1'-biphenyl]-3-carboxamide;

1-2: N-(2-aminoethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-methoxy-[1,1'-biphenyl]-3-carboxamide;

1-3: N-(2-aminoethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-[1,1'-biphenyl]-3-carboxamide;

1-4: N-(2-aminoethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-fluoro-[1,1'-biphenyl]-3-carboxamide;

1-5: N-(2-aminoethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethyl-[1,1'-biphenyl]-3-carboxamide;

1-6: N-(2-aminoethyl)-2'-chloro-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-[1,1'-biphenyl]-3-carboxamide;

1-7: N-(2-aminoethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-cyano-[1,1'-biphenyl]-3-carboxamide;
1-8: N-(2-aminoethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-methyl-[1,1'-biphenyl]-3-carboxamide;
1-9: N-(2-aminoethyl)-2'-chloro-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3'-fluoro-[1,1'-biphenyl]-3-carboxamide;
1-10: N-(2-aminoethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3'-ethoxy-[1,1'-biphenyl]-3-carboxamide;
1-11: N-(2-aminoethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-propoxy-[1,1'-biphenyl]-3-carboxamide;
1-12: N-(2-aminoethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-(propan-2-yloxy)-[1,1'-biphenyl]-3-carboxamide;
1-13: N-(2-aminoethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-hydroxy-[1,1'-biphenyl]-3-carboxamide;
1-14: N-(2-aminoethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-cyclopropoxy-[1,1'-biphenyl]-3-carboxamide;
1-22: N-(2-aminoethyl)-2'-(aminomethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-[1,1'-biphenyl]-3-carboxamide;
1-23: N-(3-aminopropyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-[1,1'-biphenyl]-3-carboxamide;
1-24: N-(2-aminoethyl)-4-[(2R)-4-[4'-(aminomethyl)-[1,1'-biphenyl]-2-carbonyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-[1,1'-biphenyl]-3-carboxamide;
1-25: N-(2-aminoethyl)-4-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-[1,1'-biphenyl]-3-carboxamide;
1-26: N-(2-aminoethyl)-4-[(2R)-4-[4'-(aminomethyl)-3'-fluoro-[1,1'-biphenyl]-2-carbonyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-[1,1'-biphenyl]-3-carboxamide;
1-27: N-(2-aminoethyl)-4-[(2R)-4-[4'-(aminomethyl)-3-fluoro-5-methyl-[1,1'-biphenyl]-2-carbonyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-[1,1'-biphenyl]-3-carboxamide;
1-28: N-(2-aminoethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-propyl-[1,1'-biphenyl]-3-carboxamide;
1-29: N-(2-aminoethyl)-4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-4'-propyl-[1,1'-biphenyl]-3-carboxamide;

1-31: N-(2-aminoethyl)-2-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(pyridin-3-yl)benzamide;
1-34: N-(2-aminoethyl)-2-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-35: N-(2-aminoethyl)-2-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(4-ethoxypyridin-3-yl)benzamide;
1-36: N-(2-aminoethyl)-2-[(2R)-4-[4'-(aminomethyl)-5-fluoro-[1,1'-biphenyl]-2-carbonyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-37: N-(2-aminoethyl)-2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-38: N-(2-aminoethyl)-2-[(2R)-4-(2-chloro-4-fluorobenzoyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-39: N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[4-fluoro-2-(pyridin-4-yl)benzoyl]piperazin-1-yl]benzamide;
1-40: N-(2-aminoethyl)-2-[(2R)-4-{2-[(3R)-3-(aminomethyl)pyrrolidin-1-yl]-4-chlorobenzoyl}-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-41: N-(2-aminoethyl)-2-[(2R)-4-{2-[(3S)-3-(aminomethyl)pyrrolidin-1-yl]-4-chlorobenzoyl}-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-42: N-(2-aminoethyl)-2-[(2R)-4-(2,4-dichlorobenzoyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-43: N-(2-aminoethyl)-2-[(2R)-4-(2-chloro-4-methylbenzoyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-44: N-(2-aminoethyl)-2-[(2R)-4-[4'-(aminomethyl)-3-fluoro-5-methyl-[1,1'-biphenyl]-2-carbonyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-45: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-46: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[2-(methylamino)ethyl]benzamide;
1-47: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-48: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(3R)-1-methylpyrrolidin-3-yl]benzamide;

1-49: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[2-(pyrrolidin-1-yl)ethyl]benzamide;
1-50: N-(2-aminoethyl)-2-[(2R)-4-{2-[3-(aminomethyl)pyrrolidin-1-yl]-4-(trifluoromethyl)benzoyl}-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-51: N-(2-aminoethyl)-2-[(2R)-4-{2-[3-(aminomethyl)pyrrolidin-1-yl]-4-fluorobenzoyl}-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-52: N-(2-aminoethyl)-2-[(2R)-4-[2-(4-aminopiperidin-1-yl)-4-chlorobenzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-53: N-(2-aminoethyl)-2-[(2R)-4-(3,5-dichloropyridine-2-carbonyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-54: N-(2-aminoethyl)-2-[(2R)-4-(4-chloro-2-methoxybenzoyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-55: N-(2-aminoethyl)-2-[(2R)-4-(2-chloro-4-cyanobenzoyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-56: N-(2-aminoethyl)-2-[(2R)-4-{4-[3-(aminomethyl)pyrrolidin-1-yl]-2-fluorobenzoyl}-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-57: N-(2-aminoethyl)-2-[(2R)-4-{2-[(3S)-3-aminopyrrolidin-1-yl]-4-chlorobenzoyl}-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-58: N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[4-fluoro-2-(trifluoromethyl)benzoyl]piperazin-1-yl]benzamide;
1-59: N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[4-methyl-2-(trifluoromethyl)benzoyl]piperazin-1-yl]benzamide;
1-60: N-(2-aminoethyl)-2-[(2R)-4-(2,4-dimethylbenzoyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-61: N-(2-aminoethyl)-2-[(2R)-4-[4-chloro-2-(pyrrolidin-1-yl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-62: N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[2-(trifluoromethyl)benzoyl]piperazin-1-yl]benzamide;
1-63: N-(2-aminoethyl)-2-[(2R)-4-(2-cyclopropylbenzoyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-64: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(pyridin-2-yl)methyl]benzamide;

1-65: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(pyridin-3-yl)methyl]benzamide;
1-66: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(pyridin-4-yl)methyl]benzamide;
1-67: N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-{4-methyl-2-[(3S)-3-(methylamino)pyrrolidin-1-yl]benzoyl}piperazin-1-yl]benzamide;
1-68: N-(2-aminoethyl)-2-[(2R)-4-{2-[(3S)-3-(dimethylamino)pyrrolidin-1-yl]-4-methylbenzoyl}-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-69: N-(2-aminoethyl)-6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluorobenzamide;
1-70: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-(pyridin-4-yl)benzamide;
1-71: N-(2-aminoethyl)-2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-methoxypyridin-3-yl)benzamide;
1-72: 6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-73: 6-[(2R)-4-(2-chloro-4-fluorobenzoyl)-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-74: N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[4-fluoro-2-(piperidin-4-yl)benzoyl]piperazin-1-yl]benzamide;
1-75: N-(2-aminoethyl)-2-[(2R)-4-[2-(6-aminopyridin-3-yl)-4-fluorobenzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-76: N-(2-aminoethyl)-2-[(2R)-4-[2-(dimethylamino)-6-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-77: N-(2-aminoethyl)-2-[(2R)-4-(2,6-dimethylpyridine-3-carbonyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-78: N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-(4-fluoro-2-methylbenzoyl)piperazin-1-yl]benzamide;
1-79: N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-(4-fluoro-2-methoxybenzoyl)piperazin-1-yl]benzamide;
1-80: N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-(2-methoxy-4-methylbenzoyl)piperazin-1-yl]benzamide;

1-81: N-(2-aminoethyl)-2-[(2R)-4-(4-tert-butylbenzoyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-82: 2-[(2R)-4-(2-chloro-4-fluorobenzoyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-83: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(1H-imidazol-5-yl)methyl]benzamide;
1-84: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[2-(1H-imidazol-5-yl)ethyl]benzamide;
1-85: N-(2-aminoethyl)-2-[(2R)-4-[2-(2-aminopyridin-4-yl)-4-fluorobenzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-86: N-(2-aminoethyl)-2-[(2R)-4-(4,6-dimethylpyridine-3-carbonyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-87: N-(2-aminoethyl)-2-[(2R)-4-(4-chloro-2-methylbenzoyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-88: N-(2-aminoethyl)-2-[(2R)-4-(4-cyclopropyl-2-methylbenzoyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-89: N-(2-aminoethyl)-2-[(2R)-4-(3-chloro-5-fluoropyridine-2-carbonyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-90: 2-[(2R)-4-[4-chloro-2-(piperazin-1-yl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-91: 2-[(2R)-4-[4-chloro-2-(dimethylamino)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-92: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(3S)-pyrrolidin-3-yl]benzamide;
1-93: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[2-(1H-imidazol-2-yl)ethyl]benzamide;
1-94: 5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-{4-methyl-2-[(3S)-3-(methylamino)pyrrolidin-1-yl]benzoyl}piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-95: 6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-96: 6-[(2R)-4-(2-chloro-4-fluorobenzoyl)-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(methylamino)ethyl]benzamide;

1-97: N-{[(2S)-azetidin-2-yl]methyl}-2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-98: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-{[(2S)-pyrrolidin-2-yl]methyl}benzamide;
1-99: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(3R)-piperidin-3-yl]benzamide;
1-100: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(3S)-piperidin-3-yl]benzamide;
1-101: 5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-{4-fluoro-2-[(3S)-3-(methylamino)pyrrolidin-1-yl]benzoyl}piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-102: N-{[(2R)-azetidin-2-yl]methyl}-2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-103: 5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-{2-fluoro-4-[(3S)-3-(methylamino)pyrrolidin-1-yl]benzoyl}piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-104: N-(2-aminoethyl)-2-[(2R)-4-{2-[3-(aminomethyl)pyrrolidin-1-yl]-4-methylbenzoyl}-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-105: N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[2-(morpholin-4-yl)-6-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]benzamide;
1-106: N-(2-aminoethyl)-2-[(2R)-4-[3-(dimethylamino)-5-(trifluoromethyl)pyridine-2-carbonyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-107: N-(2-aminoethyl)-2-[(2R)-4-[2-(dimethylamino)-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-108: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-{[(2R)-pyrrolidin-2-yl]methyl}benzamide;
1-109: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-{[(2S)-morpholin-2-yl]methyl}benzamide;
1-110: 6-[(2R)-4-(2-chloro-4-methylbenzoyl)-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-111: 3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[4-fluoro-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-2-fluoro-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-112: N-{[(2S)-azetidin-2-yl]methyl}-6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluorobenzamide;

1-113: 6-[(2R)-4-(2-chloro-4-methylbenzoyl)-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-114: 3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[4-fluoro-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-115: 2-[(2R)-4-{4-chloro-2-[(3S)-3-(dimethylamino)pyrrolidin-1-yl]benzoyl}-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-116: 6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(1H-imidazol-2-yl)ethyl]benzamide;
1-117: N-(2-aminoethyl)-2-[(2R)-4-(4-chloro-2-cyanobenzoyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-118: N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[5-fluoro-3-(trifluoromethyl)pyridine-2-carbonyl]piperazin-1-yl]benzamide;
1-119: N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[2-(methylamino)-6-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]benzamide;
1-120: N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[2-(pyrrolidin-1-yl)-6-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]benzamide;
1-121: 3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[2-(trifluoromethyl)benzoyl]piperazin-1-yl]-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-122: 3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[2-(trifluoromethyl)benzoyl]piperazin-1-yl]-2-fluoro-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-123: N-{[(2R)-azetidin-2-yl]methyl}-6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluorobenzamide;
1-124: 6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-{[(2R)-pyrrolidin-2-yl]methyl}benzamide;
1-125: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-N-[(4,5-dihydro-1H-imidazol-2-yl)methyl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-126: 2-[(2R)-4-[2-amino-6-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)benzamide;
1-127: N-(2-aminoethyl)-2-[(2R)-4-[6-(dimethylamino)-2-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-128: 2-[(2R)-4-[4-chloro-2-(difluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[2-(methylamino)ethyl]benzamide;

1-129: N-[2-(dimethylamino)ethyl]-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[4-fluoro-2-(1H-imidazol-1-yl)benzoyl]piperazin-1-yl]benzamide;
1-130: N-[2-(dimethylamino)ethyl]-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[4-fluoro-2-(1H-pyrrol-1-yl)benzoyl]piperazin-1-yl]benzamide;
1-131: N-[2-(dimethylamino)ethyl]-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[4-fluoro-2-(1H-pyrazol-1-yl)benzoyl]piperazin-1-yl]benzamide;
1-132: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(1H-imidazol-2-yl)methyl]benzamide;
1-133: 5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[5-(trifluoromethyl)pyridine-2-carbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-134: 2-[(2R)-4-[3-chloro-5-(trifluoromethyl)pyridine-2-carbonyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-135: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;
1-136: 2'-ethoxy-5-[(2R)-2-ethyl-4-[4-fluoro-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;
1-137: 2'-ethoxy-5-[(2R)-4-[4-ethoxy-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;
1-138: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-{[(3S)-morpholin-3-yl]methyl}benzamide;
1-139: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[2-(1H-1,2,4-triazol-1-yl)ethyl]benzamide;
1-140: 6-[(2R)-4-(4-chloro-2-cyanobenzoyl)-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(1H-imidazol-2-yl)ethyl]benzamide;
1-141: 6-[(2R)-4-(4-chloro-2-ethoxybenzoyl)-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(1H-imidazol-2-yl)ethyl]benzamide;
1-142: 2-[(2R)-4-(4-chloro-2-cyanobenzoyl)-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-143: 5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[4-methoxy-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-144: 2-[(2R)-4-[4-cyano-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[(3R)-pyrrolidin-3-yl]benzamide;

1-145: 2-[(2R)-4-[6-amino-2-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)benzamide;
1-146: N-(2-aminoethyl)-2-[(2R)-4-[4-(dimethylamino)-6-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-147: 2-[(2R)-4-[2-(dimethylamino)-4-fluorobenzoyl]-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-148: 2-[(2R)-4-[2-(3-aminoazetidin-1-yl)-4-fluorobenzoyl]-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-149: 3-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-6-(2-ethoxyphenyl)pyridine-2-carboxamide;
1-150: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-2'-ethoxy-[2,3'-bipyridine]-6-carboxamide;
1-151: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-152: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-153: 6-[(2R)-4-(4-chloro-2-cyanobenzoyl)-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-154: 6-[(2R)-4-[4-cyano-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-155: 3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[4-methoxy-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-156: 6-[(2R)-4-(2,4-dichlorobenzoyl)-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-157: 6-[(2R)-4-[2-cyano-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-158: 5-[(2R)-4-(4-chloro-2-cyanobenzoyl)-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-2'-ethoxy-[2,3'-bipyridine]-6-carboxamide;
1-159: N-(2-aminoethyl)-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[2-methoxy-6-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]benzamide;
1-160: N-(2-aminoethyl)-2-[(2R)-4-[2-(dimethylamino)-6-methylpyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;

1-161: 2-[(2R)-4-[2-(azetidin-1-yl)-4-fluorobenzoyl]-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-5-(2-ethoxypyridin-3-yl)benzamide;
1-162: N-[2-(dimethylamino)ethyl]-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[4-fluoro-2-(pyrrolidin-1-yl)benzoyl]piperazin-1-yl]benzamide;
1-163: 3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[6-(methylamino)-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-164: 3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-165: 6-[(2R)-4-[6-ethoxy-2-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-166: 3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[2-methoxy-6-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-167: 2'-ethoxy-5-[(2R)-2-ethyl-4-[4-methoxy-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;
1-168: N-[2-(dimethylamino)ethyl]-3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[4-methoxy-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-2-fluorobenzamide;
1-169: N-[2-(dimethylamino)ethyl]-2'-ethoxy-5-[(2R)-2-ethyl-4-[4-methoxy-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-[2,3'-bipyridine]-6-carboxamide;
1-170: N-[(4,5-dihydro-1H-imidazol-2-yl)methyl]-3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[4-methoxy-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-2-fluorobenzamide;
1-171: 5-[(2R)-4-(4-chloro-2-cyanobenzoyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;
1-173: 6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-3-(2-ethoxypyridin-3-yl)-2-fluorobenzamide;
1-174: N-[2-(dimethylamino)ethyl]-3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[4-fluoro-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-2-fluorobenzamide;
1-175: 6-[(2R)-4-[4-cyano-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-3-(2-ethoxypyridin-3-yl)-2-fluorobenzamide;
1-176: 6-[(2R)-4-[2-(difluoromethyl)-4-fluorobenzoyl]-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-3-(2-ethoxypyridin-3-yl)-2-fluorobenzamide;
1-177: 6-[(2R)-4-[2-(difluoromethyl)-4-fluorobenzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(methylamino)ethyl]benzamide;

1-178: 6-[(2R)-4-(2,4-dichlorobenzoyl)-2-ethylpiperazin-1-yl]-N-[(4,5-dihydro-1H-imidazol-2-yl)methyl]-3-(2-ethoxypyridin-3-yl)-2-fluorobenzamide;

1-179: 6-[(2R)-4-(2,4-dichlorobenzoyl)-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-3-(2-ethoxypyridin-3-yl)-2-fluorobenzamide;

1-180: 6-[(2R)-4-{4-chloro-2-[(3S)-3-(dimethylamino)pyrrolidin-1-yl]benzoyl}-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-3-(2-ethoxypyridin-3-yl)-2-fluorobenzamide;

1-181: 2'-ethoxy-5-[(2R)-4-[6-ethoxy-2-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;

1-182: N-[(4,5-dihydro-1H-imidazol-2-yl)methyl]-3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[4-fluoro-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-2-fluorobenzamide;

1-183: 6-[(2R)-4-[4-chloro-2-(difluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(methylamino)ethyl]benzamide;

1-184: 6-[(2R)-4-[4-chloro-2-(difluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-3-(2-ethoxypyridin-3-yl)-2-fluorobenzamide;

1-185: 2'-ethoxy-5-[(2R)-2-ethyl-4-[6-methyl-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;

1-186: 6-[(2R)-4-(4-chloro-2-cyanobenzoyl)-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-3-(2-ethoxypyridin-3-yl)-2-fluorobenzamide;

1-187: 2'-ethoxy-5-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;

1-188: 6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-N-[(4,5-dihydro-1H-imidazol-2-yl)methyl]-3-(2-ethoxypyridin-3-yl)-2-fluorobenzamide;

1-189: 6-[(2R)-4-[2-(difluoromethyl)-4-fluorobenzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[(3R)-pyrrolidin-3-yl]benzamide;

1-190: 6-[(2R)-4-[4-chloro-2-(difluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[(3R)-pyrrolidin-3-yl]benzamide;

1-191: N-[2-(dimethylamino)ethyl]-5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-{2-[ethyl(methyl)amino]-4-fluorobenzoyl}piperazin-1-yl]benzamide;

1-194: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethyl-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;

1-195: 5-[(2R)-4-(2-chloro-4-ethoxybenzoyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;

1-196: 5-[(2R)-4-(2-chloro-4-ethoxybenzoyl)-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-2'-ethoxy-[2,3'-bipyridine]-6-carboxamide;
1-197: 6-[(2R)-4-{4-chloro-2-[(3S)-3-(dimethylamino)pyrrolidin-1-yl]benzoyl}-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-198: N-(azetidin-3-yl)-6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluorobenzamide;
1-199: 6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[(3R)-1-methylpyrrolidin-3-yl]benzamide;
1-200: 6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[(3S)-pyrrolidin-3-yl]benzamide;
1-201: 6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[(3S)-1-methylpyrrolidin-3-yl]benzamide;
1-202: N-(azetidin-3-yl)-3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[4-methoxy-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-2-fluorobenzamide;
1-203: 3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[4-methoxy-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-2-fluoro-N-(1-methylazetidin-3-yl)benzamide;
1-204: 6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-(1-methylazetidin-3-yl)benzamide;
1-205: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-2'-ethyl-[2,3'-bipyridine]-6-carboxamide;
1-206: 3-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-207: N-[2-(dimethylamino)ethyl]-2'-ethoxy-5-[(2R)-4-[6-ethoxy-2-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-[2,3'-bipyridine]-6-carboxamide;
1-208: 3-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[2-(methylamino)ethyl]pyridine-2-carboxamide;
1-209: 3-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-pyrrolidin-3-yl]pyridine-2-carboxamide;
1-210: 5-[(2R)-4-[4-chloro-2-(difluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-2'-ethoxy-[2,3'-bipyridine]-6-carboxamide;
1-211: N-(azetidin-3-yl)-5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-[2,3'-bipyridine]-6-carboxamide;

1-212: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;
1-213: 5-[(2R)-4-[4-chloro-2-(difluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;
1-214: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3S)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-215: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3S)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-216: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-(1-methylazetidin-3-yl)benzamide;
1-218: 5-[(2R)-4-(2-chloro-4-cyclopropoxybenzoyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;
1-219: 6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-N-[2-(4,5-dihydro-1H-imidazol-2-yl)ethyl]-3-(2-ethoxypyridin-3-yl)-2-fluorobenzamide;
1-220: N-(azetidin-3-yl)-3-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)pyridine-2-carboxamide;
1-221: 3-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-(1-methylazetidin-3-yl)pyridine-2-carboxamide.
1-222: N-[(azetidin-3-yl)methyl]-5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-[2,3'-bipyridine]-6-carboxamide;
1-223: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(1-methylazetidin-3-yl)methyl]-[2,3'-bipyridine]-6-carboxamide;
1-224: 2'-ethoxy-5-[(2R)-2-ethyl-4-[4-fluoro-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-N-[2-(1H-imidazol-2-yl)ethyl]-[2,3'-bipyridine]-6-carboxamide;
1-225: 2'-ethoxy-5-[(2R)-2-ethyl-4-[6-(ethylamino)-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;
1-226: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-N-[(4,5-dihydro-1H-imidazol-2-yl)methyl]-2'-ethoxy-[2,3'-bipyridine]-6-carboxamide;
1-227: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(1-methyl-4,5-dihydro-1H-imidazol-2-yl)methyl]-[2,3'-bipyridine]-6-carboxamide;
1-228: 2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-{[(2R)-1-methylazetidin-2-yl]methyl}benzamide;

1-229: 6-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-{[(2S)-1-methylazetidin-2-yl]methyl}benzamide.

1-230: 2'-ethoxy-5-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;

1-231: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-{[(2R)-1-methylazetidin-2-yl]methyl}-[2,3'-bipyridine]-6-carboxamide;

1-232: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-{[(2S)-1-methylazetidin-2-yl]methyl}-[2,3'-bipyridine]-6-carboxamide;

1-233: 2'-ethoxy-5-[(2R)-4-[6-ethoxy-2-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;

1-234: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[2-(1-methyl-1H-imidazol-2-yl)ethyl]-[2,3'-bipyridine]-6-carboxamide;

1-235: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopropanecarbonyl]piperazin-1-yl]-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;

1-236: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-(1-methylazetidin-3-yl)pyridine-2-carboxamide;

1-237: 3-[(2R)-4-[6-ethoxy-2-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-(1-methylazetidin-3-yl)pyridine-2-carboxamide;

1-238: 5-[(2R)-4-(adamantane-2-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;

1-239: 2'-ethoxy-5-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-240: 2'-ethoxy-5-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-241: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;

1-242: 2'-ethoxy-5-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-[(1-methylazetidin-3-yl)methyl]-[2,3'-bipyridine]-6-carboxamide;

1-243: 2'-ethoxy-5-[(2R)-4-[6-ethoxy-2-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-244: N-{[(2S)-azetidin-2-yl]methyl}-2'-ethoxy-5-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-[2,3'-bipyridine]-6-carboxamide;

1-245: 2'-ethoxy-5-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-{[(2S)-1-methylazetidin-2-yl]methyl}-[2,3'-bipyridine]-6-carboxamide;
1-246: 5-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-2'-methoxy-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;
1-247: 5-[(2R)-4-[6-ethoxy-2-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-2'-methoxy-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;
1-248: 5-[(2R)-4-[1-(2,2-difluoroethyl)cyclobutanecarbonyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;
1-249: 2'-ethoxy-5-[(2R)-4-[6-ethoxy-2-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-N-[(1-methylazetidin-3-yl)methyl]-[2,3'-bipyridine]-6-carboxamide;
1-250: 2'-ethoxy-5-[(2R)-2-ethyl-4-(1-ethylcyclobutanecarbonyl)piperazin-1-yl]-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;
1-251: 3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[*cis*-4-(trifluoromethyl)cyclohexanecarbonyl]piperazin-1-yl]-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-252: 3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[*trans*-4-(trifluoromethyl)cyclohexanecarbonyl]piperazin-1-yl]-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
1-253: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-254: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]pyridine-2-carboxamide;
1-255: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-256: N-{[(2S)-azetidin-2-yl]methyl}-2'-ethoxy-5-[(2R)-4-[6-ethoxy-2-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-[2,3'-bipyridine]-6-carboxamide;
1-257: 2'-ethoxy-5-[(2R)-4-[6-ethoxy-2-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-N-{[(2S)-1-methylazetidin-2-yl]methyl}-[2,3'-bipyridine]-6-carboxamide;
1-258: 2'-ethoxy-5-[(2R)-2-ethyl-4-[4-fluoro-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-259: 5-[(2R)-4-(2,4-dichlorobenzoyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-260: 5-[(2R)-4-(4-chloro-2-cyanobenzoyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-261: 5-[(2R)-4-(2-chloro-4-fluorobenzoyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-262: 5-[(2R)-4-[4-chloro-2-(difluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-263: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-264: 2'-ethoxy-5-[(2R)-2-ethyl-4-(1-ethylcyclopentanecarbonyl)piperazin-1-yl]-N-[2-(methylamino)ethyl]-[2,3'-bipyridine]-6-carboxamide;
1-265: 5-[(2R)-4-[4-chloro-2-(difluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-266: 2'-ethoxy-5-[(2R)-2-ethyl-4-[4-fluoro-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-267: 5-[(2R)-4-(2,4-dichlorobenzoyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-270: 3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-2-fluoro-N-[(3R)-1-methylpyrrolidin-3-yl]benzamide;
1-271: 3-(2-ethoxypyridin-3-yl)-6-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-2-fluoro-N-[(3R)-pyrrolidin-3-yl]benzamide;
1-273: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclohexanecarbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-274: 2'-ethoxy-5-[(2R)-2-ethyl-4-[4-(trifluoromethyl)bicyclo[2.2.2]octane-1-carbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-275: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3S,4R)-4-fluoropyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-276: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R,4R)-4-fluoropyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-277: 5-[(2R)-4-(4-chloro-2-cyanobenzoyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-278: 5-[(2R)-4-[2-(difluoromethyl)-4-fluorobenzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-279: 5-[(2R)-4-[2-(difluoromethyl)-4-fluorobenzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-280: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclobutanecarbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-281: 2'-ethoxy-5-[(2R)-2-ethyl-4-[4-(trifluoromethyl)bicyclo[2.2.2]octane-1-carbonyl]piperazin-1-yl]-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;

1-282: 2'-ethoxy-5-[(2R)-2-ethyl-4-[4-(trifluoromethyl)bicyclo[2.2.2]octane-1-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-283: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclobutanecarbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-284: 2'-ethoxy-5-[(2R)-2-ethyl-4-(3,5,7-trifluoroadamantane-1-carbonyl)piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-285: 2'-ethoxy-5-[(2R)-2-ethyl-4-(3,5,7-trifluoroadamantane-1-carbonyl)piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-286: 2'-ethoxy-5-[(2R)-2-ethyl-4-[*cis*-4-(trifluoromethyl)cyclohexanecarbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-287: 3-[(2R)-4-[4-chloro-2-(difluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;

1-288: 3-[(2R)-4-[4-chloro-2-(difluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-pyrrolidin-3-yl]pyridine-2-carboxamide;

1-289: 2'-ethoxy-5-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-[(3R,4R)-4-fluoropyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-290: 2'-ethoxy-5-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-[(3R,4R)-4-fluoro-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-291: 2'-ethoxy-5-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-[(3S,4R)-4-fluoropyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-292: 3-[(2R)-4-[2-(difluoromethyl)-4-fluorobenzoyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-pyrrolidin-3-yl]pyridine-2-carboxamide;

1-293: 3-[(2R)-4-[2-(difluoromethyl)-4-fluorobenzoyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-294: 2'-ethoxy-5-[(2R)-2-ethyl-4-[2-(trifluoromethyl)bicyclo[2.2.1]hept-5-ene-2-carbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-295: 5-[(2R)-4-[1-(difluoromethyl)-3,3-difluorocyclobutanecarbonyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-296: 2'-ethoxy-5-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-N-[(3S,4R)-4-fluoro-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-297: 2'-ethoxy-5-[(2R)-2-ethyl-4-[2-(trifluoromethyl)bicyclo[2.2.1]heptane-2-carbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-298: 5-[(2R)-4-[3,3-difluoro-1-(trifluoromethyl)cyclobutanecarbonyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-299: 2'-ethoxy-5-[(2R)-2-ethyl-4-[*cis*-4-(trifluoromethyl)cyclohexanecarbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-300: 2'-ethoxy-5-[(2R)-2-ethyl-4-[*cis*-3-(trifluoromethyl)cyclobutanecarbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-301: 2'-ethoxy-5-[(2R)-2-ethyl-4-[*trans*-3-(trifluoromethyl)cyclobutanecarbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-302: 2'-ethoxy-5-[(2R)-2-ethyl-4-(3,3,3-trifluoro-2,2-dimethylpropanoyl)piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-303: 5-[(2R)-4-(2-chloro-4-fluorobenzoyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-304: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]pyridine-2-carboxamide;
1-305: 3-[(2R)-4-(2-tert-butylpyrrolidine-1-carbonyl)-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-pyrrolidin-3-yl]pyridine-2-carboxamide;
1-306: 2'-ethoxy-5-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-307: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(3R)-1-[(5-methyl-2-oxo-2H-1,3-dioxol-4-yl)methyl]pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-309: 1,1,1-trifluoro-2-methylpropan-2-yl (3R)-4-(2'-ethoxy-6-{[(3R)-pyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;
1-310: 2'-ethoxy-5-[(2R)-2-ethyl-4-[(2R)-2-(trifluoromethyl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-311: 5-[(2R)-4-(2-cyclopropylpyrrolidine-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-312: 1,1,1-trifluoro-3,3-dimethylbutan-2-yl (3R)-4-(2'-ethoxy-6-{[(3R)-pyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;
1-313: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(1-methylazetidin-3-yl)methyl]-[2,3'-bipyridine]-6-carboxamide;
1-314: 5-[(2R)-4-{7,7-dimethylbicyclo[2.2.1]heptane-1-carbonyl}-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-315: 3-[(2R)-4-[(2S)-2-tert-butylpyrrolidine-1-carbonyl]-2-ethylpiperazin-1-yl]-6-(2-methoxyphenyl)-N-[(3R)-pyrrolidin-3-yl]pyridine-2-carboxamide;
1-316: 3-[(2R)-4-[(2R)-2-tert-butylpyrrolidine-1-carbonyl]-2-ethylpiperazin-1-yl]-6-(2-methoxyphenyl)-N-[(3R)-pyrrolidin-3-yl]pyridine-2-carboxamide;
1-317: 5-[(2R)-4-(2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-318: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(3-fluoroazetidin-3-yl)methyl]-[2,3'-bipyridine]-6-carboxamide;
1-319: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(3-fluoro-1-methylazetidin-3-yl)methyl]-[2,3'-bipyridine]-6-carboxamide;
1-320: 2'-ethoxy-5-[(2R)-2-ethyl-4-[(2S)-2-(2-fluoropropan-2-yl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-321: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(3S)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-322: 2'-ethoxy-5-[(2R)-2-ethyl-4-[*cis*-4-(trifluoromethyl)cyclohexanecarbonyl]piperazin-1-yl]-N-[(1-methylazetidin-3-yl)methyl]-[2,3'-bipyridine]-6-carboxamide;
1-323: 5-[(2R)-4-(2,2-diethylpyrrolidine-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-324: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-{[(2R)-pyrrolidin-2-yl]methyl}-[2,3'-bipyridine]-6-carboxamide;

1-325: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-{[(2S)-pyrrolidin-2-yl]methyl}-[2,3'-bipyridine]-6-carboxamide;

1-326: 2'-ethoxy-5-[(2R)-2-ethyl-4-[2-methyl-2-(trifluoromethyl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-327: N-{[(2R)-azetidin-2-yl]methyl}-2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-[2,3'-bipyridine]-6-carboxamide;

1-328: 5-[(2R)-4-[1-(2,2-difluoroethyl)cyclobutanecarbonyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-329: N-{[(2S)-azetidin-2-yl]methyl}-2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-[2,3'-bipyridine]-6-carboxamide;

1-330: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-{[(2R)-1-methylazetidin-2-yl]methyl}-[2,3'-bipyridine]-6-carboxamide;

1-331: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-{[(2S)-1-methylazetidin-2-yl]methyl}-[2,3'-bipyridine]-6-carboxamide;

1-332: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-{[(2S)-1-methylpyrrolidin-2-yl]methyl}-[2,3'-bipyridine]-6-carboxamide;

1-333: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-{[(2R)-1-methylpyrrolidin-2-yl]methyl}-[2,3'-bipyridine]-6-carboxam;

1-334: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(3-methoxy-1-methylazetidin-3-yl)methyl]-[2,3'-bipyridine]-6-carboxamide;

1-335: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[*cis*-4-(trifluoromethyl)cyclohexanecarbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]pyridine-2-carboxamide;

1-336: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[*cis*-4-(trifluoromethyl)cyclohexanecarbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;

1-337: N-[2-(azetidin-1-yl)ethyl]-2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-[2,3'-bipyridine]-6-carboxamide;

1-338: 1-(trifluoromethyl)cyclobutyl (3R)-4-[6-(2-ethoxyphenyl)-2-{[(3R)-pyrrolidin-3-yl]carbamoyl}pyridin-3-yl]-3-ethylpiperazine-1-carboxylate;

1-339: 2'-ethoxy-5-[(2R)-2-ethyl-4-[2-(trifluoromethyl)bicyclo[2.2.1]heptane-2-carbonyl]piperazin-1-yl]-N-[(1-methylazetidin-3-yl)methyl]-[2,3'-bipyridine]-6-carboxamide;

1-340: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(1-methylazetidin-3-yl)methyl]pyridine-2-carboxamide;

1-341: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;

1-342: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]pyridine-2-carboxamide;

1-343: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(3S)-pyrrolidin-3-yl]pyridine-2-carboxamide;

1-344: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclobutanecarbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;

1-345: 2'-ethoxy-5-[(2R)-2-ethyl-4-[(2S)-2-phenylpyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-346: 5-[(2R)-4-(7-chloro-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-347: 5-[(2R)-4-(5-chloro-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-348: 1,1,1-trifluoro-3,3-dimethylbutan-2-yl (3R)-4-[6-(2-ethoxyphenyl)-2-{[(3R)-pyrrolidin-3-yl]carbamoyl}pyridin-3-yl]-3-ethylpiperazine-1-carboxylate;

1-349: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[1-(2,2,2-trifluoroethyl)cyclobutanecarbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;

1-350: 2'-ethoxy-5-[(2R)-2-ethyl-4-(7-fluoro-2,3-dihydro-1H-indole-1-carbonyl)piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-351: (1R)-2,2,2-trifluoro-1-phenylethyl (3R)-4-(2'-ethoxy-6-{[(3R)-pyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;

1-352: 2'-ethoxy-5-[(2R)-2-ethyl-4-(1-phenylcyclopentanecarbonyl)piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-353: 2'-ethoxy-5-[(2R)-2-ethyl-4-(1-phenylcyclobutanecarbonyl)piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-354: 5-[(2R)-4-[2,2-difluoro-7,7-dimethylbicyclo[2.2.1]heptane-1-carbonyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide xylate;

1-355: 3-[(2R)-4-[(2S)-2-tert-butylpyrrolidine-1-carbonyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-pyrrolidin-3-yl]pyridine-2-carboxamide;

1-356: 3-[(2R)-4-[(2R)-2-tert-butylpyrrolidine-1-carbonyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-pyrrolidin-3-yl]pyridine-2-carboxamide;

1-357: 5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[2-(3-fluoroazetidin-1-yl)ethyl]-[2,3'-bipyridine]-6-carboxamide;

1-358: 2'-ethoxy-5-[(2R)-2-ethyl-4-(1-phenylcyclobutanecarbonyl)piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-359: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(2,2,2-trifluoroethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-360: 2'-ethoxy-5-[(2R)-2-ethyl-4-(7-methyl-2,3-dihydro-1H-indole-1-carbonyl)piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-361: 2'-ethoxy-5-[(2R)-2-ethyl-4-[7-(trifluoromethyl)-2,3-dihydro-1H-indole-1-carbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-362: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(1-methylazetidin-3-yl)methyl]pyridine-2-carboxamide;

1-363: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-364: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclobutanecarbonyl]piperazin-1-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-365: 5-[(2R)-4-(7-cyano-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-366: (2R)-1,1,1-trifluoro-3,3-dimethylbutan-2-yl (3R)-4-(2'-ethoxy-6-{[(3R)-pyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;

1-367: (2S)-1,1,1-trifluoro-3,3-dimethylbutan-2-yl (3R)-4-(2'-ethoxy-6-{[(3R)-pyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;

1-368: 2'-ethoxy-5-[(2R)-2-ethyl-4-[5-(trifluoromethyl)thiophene-2-carbonyl]piperazin-1-yl]-N-[(3R)-pyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-369: 1,1,1,3,3,3-hexafluoropropan-2-yl (3R)-4-(2'-ethoxy-6-{[(3R)-pyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;

1-370: 3-(trifluoromethyl)pentan-3-yl (3R)-4-(2'-ethoxy-6-{[(3R)-1-methylpyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;
1-371: 5-[(2R)-4-[1-(2,4-difluorophenyl)cyclobutanecarbonyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-372: 2'-ethoxy-5-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-373: 2'-ethoxy-5-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-374: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-375: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-376: 1,1,1-trifluoro-3,3-dimethylbutan-2-yl (3R)-4-(2'-ethoxy-6-{[(3R)-1-methylpyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;
1-377: (1S)-2,2,2-trifluoro-1-phenylethyl (3R)-4-(2'-ethoxy-6-{[(3R)-pyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;
1-378: 5-[(2R)-4-(2,5-dichlorothiophene-3-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-379: 2'-ethoxy-5-[(2R)-2-ethyl-4-[3-(trifluoromethyl)bicyclo[1.1.1]pentane-1-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-380: 5-[(2R)-4-(3,5-dichlorothiophene-2-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-381: 2'-ethoxy-5-[(2R)-2-ethyl-4-[(2S)-2-(3-fluorophenyl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-382: 5-[(2R)-4-(7-chloro-2,3-dihydro-1H-indene-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-383: 5-[(2R)-4-(7-cyano-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-384: 1-phenylcyclobutyl (3R)-4-(2'-ethoxy-6-{[(3R)-1-methylpyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;
1-385: 2'-ethoxy-5-[(2R)-2-ethyl-4-[4-(trifluoromethyl)bicyclo[2.2.1]heptane-1-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-386: 2'-ethoxy-5-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-{[(2R)-1-methylazetidin-2-yl]methyl}-[2,3'-bipyridine]-6-carboxamide;

1-387: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-{[(2S)-1-methylazetidin-2-yl]methyl}pyridine-2-carboxamide;

1-388: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[4-(trifluoromethyl)bicyclo[2.2.1]heptane-1-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;

1-389: 2'-ethoxy-5-[(2R)-2-ethyl-4-[7-(trifluoromethyl)-2,3-dihydro-1H-indole-1-carbonyl]piperazin-1-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-390: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclobutanecarbonyl]piperazin-1-yl]-N-{[(2S)-1-methylazetidin-2-yl]methyl}-[2,3'-bipyridine]-6-carboxamide;

1-391: 2'-ethoxy-5-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-{[(2S)-1-methylazetidin-2-yl]methyl}-[2,3'-bipyridine]-6-carboxamide;

1-392: (2S)-1,1,1-trifluoro-3,3-dimethylbutan-2-yl (3R)-4-(2'-ethoxy-6-{[(3R)-1-methylpyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;

1-392: (2R)-1,1,1-trifluoro-3,3-dimethylbutan-2-yl (3R)-4-(2'-ethoxy-6-{[(3R)-1-methylpyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;

1-393: 3-[(2R)-4-(7-cyano-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;

1-394: 2'-ethoxy-5-[(2R)-2-ethyl-4-[4-(trifluoromethyl)bicyclo[2.2.1]heptane-1-carbonyl]piperazin-1-yl]-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;

1-395: 2'-ethoxy-5-[(2R)-2-ethyl-4-[4-(trifluoromethyl)bicyclo[2.2.1]heptane-1-carbonyl]piperazin-1-yl]-N-[(1-methylazetidin-3-yl)methyl]-[2,3'-bipyridine]-6-carboxamide;

1-396: (2S)-1,1,1-trifluoro-3,3-dimethylbutan-2-yl (3R)-4-(2'-ethoxy-6-{[(1-methylazetidin-3-yl)methyl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;

1-396: (2R)-1,1,1-trifluoro-3,3-dimethylbutan-2-yl (3R)-4-(2'-ethoxy-6-{[(1-methylazetidin-3-yl)methyl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;

1-397: 1-ethylcyclopentyl (3R)-4-(2'-ethoxy-6-{[(3R)-1-methylpyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;

1-398: N-[(3S)-1-azabicyclo[2.2.2]octan-3-yl]-5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-[2,3'-bipyridine]-6-carboxamide;

1-399: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-(1-methylazetidin-3-yl)pyridine-2-carboxamide;

1-400: N-[(3S)-1-azabicyclo[2.2.2]octan-3-yl]-2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-[2,3'-bipyridine]-6-carboxamide;

1-401: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;

1-402: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[7-(trifluoromethyl)-2,3-dihydro-1H-indole-1-carbonyl]piperazin-1-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;

1-403: (2S)-1,1,1-trifluoro-3,3-dimethylbutan-2-yl (3R)-4-(6-{[(3S)-1-azabicyclo[2.2.2]octan-3-yl]carbamoyl}-2'-ethoxy-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;

1-403: (2R)-1,1,1-trifluoro-3,3-dimethylbutan-2-yl (3R)-4-(6-{[(3S)-1-azabicyclo[2.2.2]octan-3-yl]carbamoyl}-2'-ethoxy-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;

1-404: 5-[(2R)-4-(7-cyano-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3S)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-405: N-{1-azabicyclo[2.2.1]heptan-4-yl}-2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-[2,3'-bipyridine]-6-carboxamide;

1-406: (2R)-1,1,1-trifluoro-3,3-dimethylbutan-2-yl (3R)-4-(2'-ethoxy-6-{[(3R)-1-methylpyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;

1-407: (2S)-1,1,1-trifluoro-3,3-dimethylbutan-2-yl (3R)-4-[6-(2-ethoxyphenyl)-2-{[(3R)-pyrrolidin-3-yl]carbamoyl}pyridin-3-yl]-3-ethylpiperazine-1-carboxylate;

1-408: 2,2-dimethyl-1-phenylpropyl (3R)-4-(2'-ethoxy-6-{[(3R)-1-methylpyrrolidin-3-yl]carbamoyl}-[2,3'-bipyridin]-5-yl)-3-ethylpiperazine-1-carboxylate;

1-409: 5-[(2R)-4-(7-cyano-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;

1-410: N-[(3S)-1-azabicyclo[2.2.2]octan-3-yl]-6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclobutanecarbonyl]piperazin-1-yl]pyridine-2-carboxamide;

1-411: N-[(3S)-1-azabicyclo[2.2.2]octan-3-yl]-2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclobutanecarbonyl]piperazin-1-yl]-[2,3'-bipyridine]-6-carboxamide;

1-412: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[(2S)-2-(2-fluoropropan-2-yl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-413: 2'-ethoxy-5-[(2R)-2-ethyl-4-[(2S)-2-(2-fluoropropan-2-yl)pyrrolidine-1-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-414: 3-[(2R)-4-(7-cyano-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-(1-methylazetidin-3-yl)pyridine-2-carboxamide;
1-415: 2'-ethoxy-5-[(2R)-2-ethyl-4-[1-(trifluoromethyl)cyclopentanecarbonyl]piperazin-1-yl]-N-[(1-methyl-4,5-dihydro-1H-imidazol-2-yl)methyl]-[2,3'-bipyridine]-6-carboxamide;
1-416: 5-[(2R)-4-[1-(difluoromethyl)cyclopentanecarbonyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-417: 3-[(2R)-4-[1-(difluoromethyl)cyclopentanecarbonyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-418: 2'-ethoxy-5-[(2R)-2-ethyl-4-[7-(trifluoromethyl)-2,3-dihydro-1H-indole-1-carbonyl]piperazin-1-yl]-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;
1-419: 5-[(2R)-4-(7-chloro-5-fluoro-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3S)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-420: 5-[(2R)-4-(7-chloro-5-fluoro-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;
1-421: 3-[(2R)-4-(7-chloro-5-fluoro-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3S)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-422: 5-[(2R)-4-(7-cyano-5-fluoro-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-(1-methylazetidin-3-yl)-[2,3'-bipyridine]-6-carboxamide;
1-423: 5-[(2R)-4-(7-cyano-5-fluoro-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3S)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-424: 3-[(2R)-4-(7-cyano-5-fluoro-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-(1-methylazetidin-3-yl)pyridine-2-carboxamide;
1-425: 5-[(2R)-4-(7-chloro-5-fluoro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-426: 3-[(2R)-4-(7-cyano-5-fluoro-2,3-dihydro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3S)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-427: 2'-ethoxy-5-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)piperidine-1-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;

1-428: 5-[(2R)-4-(7-chloro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-429: 5-[(2R)-4-(7-cyano-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-430: 3-[(2R)-4-(7-chloro-5-fluoro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-431: 3-[(2R)-4-(7-chloro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-432: 3-[(2R)-4-(7-cyano-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-433: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)piperidine-1-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-434: 2'-ethoxy-5-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)piperidine-1-carbonyl]piperazin-1-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-435: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[(2S)-2-(trifluoromethyl)piperidine-1-carbonyl]piperazin-1-yl]-N-[(3S)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-436: 2'-ethoxy-5-[(2R)-2-ethyl-4-[7-(trifluoromethyl)-1H-indole-1-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-437: 6-(2-ethoxyphenyl)-3-[(2R)-2-ethyl-4-[7-(trifluoromethyl)-1H-indole-1-carbonyl]piperazin-1-yl]-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
1-438: 5-[(2R)-4-(7-cyano-5-fluoro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-N-[(3R)-1-methylpyrrolidin-3-yl]-[2,3'-bipyridine]-6-carboxamide;
1-439: 3-[(2R)-4-(7-cyano-5-fluoro-1H-indole-1-carbonyl)-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)-N-[(3R)-1-methylpyrrolidin-3-yl]pyridine-2-carboxamide;
2-1: 2-[({4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-[1,1'-biphenyl]-3-yl}methyl)amino]ethan-1-ol;
2-2: (2S)-1-[({4-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-[1,1'-biphenyl]-3-yl}methyl)amino]propan-2-ol;
2-3: 1-{4-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-methoxy-[1,1'-biphenyl]-3-yl}methanamine;
2-4: 1-{4-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-(2-methoxyethoxy)-[1,1'-biphenyl]-3-yl}methanamine;

2-5: 1-{4-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-propoxy-[1,1'-biphenyl]-3-yl}methanamine;
2-6: 2-{[3'-(aminomethyl)-4'-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-[1,1'-biphenyl]-2-yl]oxy}ethan-1-ol;
2-7: 2-{[3'-(aminomethyl)-4'-[(2R)-2-ethyl-4-[2-(trifluoromethyl)benzoyl]piperazin-1-yl]-[1,1'-biphenyl]-2-yl]oxy}ethan-1-ol;
2-8: [3'-(aminomethyl)-4'-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-[1,1'-biphenyl]-2-yl]methanol;
2-9: 1-{2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)phenyl}methanamine;
2-10: 1-{2-[(2R)-4-[4'-(aminomethyl)-5-fluoro-[1,1'-biphenyl]-2-carbonyl]-2-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)phenyl}methanamine;
2-11: 1-{6-[(2R)-4-(2-chloro-4-fluorobenzoyl)-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluorophenyl}methanamine;
2-12: 1-{3-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxyphenyl)pyridin-2-yl}methanamine;
2-13: 1-{5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-[2,3'-bipyridin]-6-yl}methanamine;
2-14: 1-{5-[(2R)-4-(2-chloro-4-methylbenzoyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-[2,3'-bipyridin]-6-yl}methanamine;
2-15: 1-{5-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-[2,3'-bipyridin]-6-yl}methanamine;
2-16: ({5-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2'-ethoxy-[2,3'-bipyridin]-6-yl}methyl)(methyl)amine;
2-17: 1-{5-[(2R)-4-(2-chloro-4-fluorobenzoyl)-2-ethylpiperazin-1-yl]-2'-ethoxy-[2,3'-bipyridin]-6-yl}methanamine;
2-18: 1-{6-[(2R)-4-(2-chloro-4-fluorobenzoyl)-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluorophenyl}methanamine;
2-19: 1-{2'-ethoxy-5-[(2R)-2-ethyl-4-(2,3,4-trifluorobenzoyl)piperazin-1-yl]-[2,3'-bipyridin]-6-yl}methanamine;
2-20: 1-{2'-ethoxy-5-[(2R)-2-ethyl-4-[4-fluoro-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-[2,3'-bipyridin]-6-yl}methanamine;

2-21: {[5-(2-ethoxypyridin-3-yl)-2-[(2R)-2-ethyl-4-[4-fluoro-2-(trifluoromethyl)benzoyl]piperazin-1-yl]phenyl]methyl}[2-(methylamino)ethyl]amine;
2-22: 13-[3-(aminomethyl)-4-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]phenyl]-N-methylpyridin-2-amine;
2-23: 3-[3-(aminomethyl)-4-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]phenyl]-N,N-dimethylpyridin-2-amine;
2-24: 1-{2-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-5-[2-(pyrrolidin-1-yl)pyridin-3-yl]phenyl}methanamine;
2-25: 1-{2'-ethoxy-5-[(2R)-4-[4-ethoxy-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-[2,3'-bipyridin]-6-yl}methanamine;
2-26: 1-{2'-ethoxy-4-[(2R)-2-ethyl-4-[4-methyl-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-3'-fluoro-[1,1'-biphenyl]-3-yl}methanamine;
2-27: 1-{2'-ethoxy-4-[(2R)-2-ethyl-4-[4-methyl-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-[1,1'-biphenyl]-3-yl}methanamine;
2-28: 1-{2'-ethoxy-4-[(2R)-2-ethyl-4-[4-methyl-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-4'-fluoro-[1,1'-biphenyl]-3-yl}methanamine;
2-29: 1-{2'-ethoxy-4-[(2R)-2-ethyl-4-[4-methyl-2-(trifluoromethyl)benzoyl]piperazin-1-yl]-5'-fluoro-[1,1'-biphenyl]-3-yl}methanamine;
2-30: 1-{2'-ethoxy-5-[(2R)-4-[6-ethoxy-2-(trifluoromethyl)pyridine-3-carbonyl]-2-ethylpiperazin-1-yl]-[2,3'-bipyridin]-6-yl}methanamine;
2-31: 1-{2'-ethoxy-5-[(2R)-2-ethyl-4-[6-methoxy-2-(trifluoromethyl)pyridine-3-carbonyl]piperazin-1-yl]-[2,3'-bipyridin]-6-yl}methanamine;
3-1: N-(3-aminopropyl)-4-{4-[2-cyano-4-(trifluoromethyl)phenyl]piperazin-1-yl}-2',3'-difluoro-[1,1'-biphenyl]-3-carboxamide;
3-2: N-(3-aminopropyl)-4-{4-[2-cyano-4-(trifluoromethyl)phenyl]piperazin-1-yl}-2'-ethoxy-[1,1'-biphenyl]-3-carboxamide;
3-3: 6-[(2R)-4-(2,4-dichlorobenzenesulfonyl)-2-ethylpiperazin-1-yl]-3-(2-ethoxypyridin-3-yl)-2-fluoro-N-[2-(methylamino)ethyl]benzamide;
3-4: (3R)-N-(2,4-dichlorophenyl)-4-[4-(2-ethoxypyridin-3-yl)-3-fluoro-2-{[2-(methylamino)ethyl]carbamoyl}phenyl]-3-ethylpiperazine-1-carboxamide;
3-5: N-(2-aminoethyl)-2-[(3R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-3-ethylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)benzamide;

3-6: 2-[(3R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-3-methylpiperazin-1-yl]-5-(2-ethoxypyridin-3-yl)-N-[2-(methylamino)ethyl]benzamide;

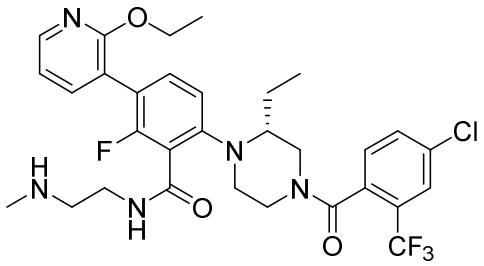
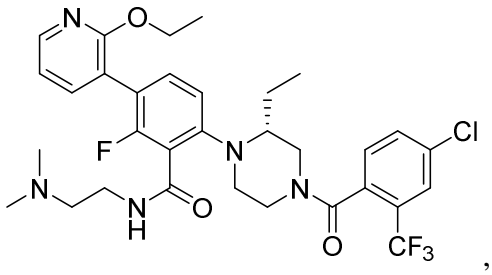
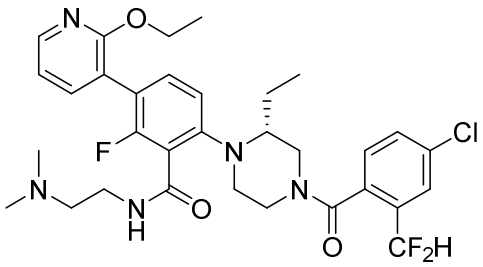
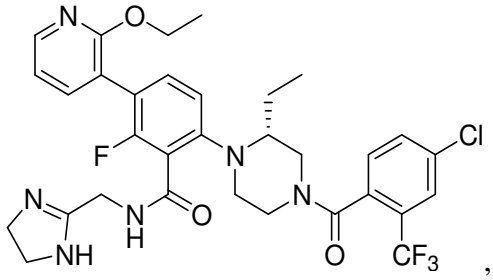
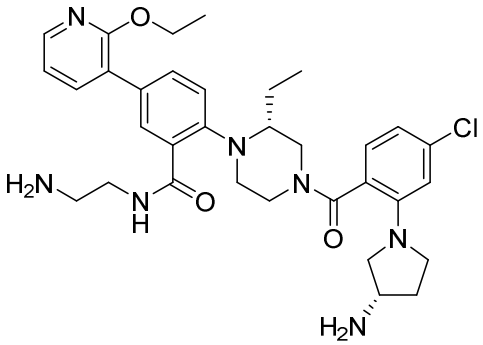
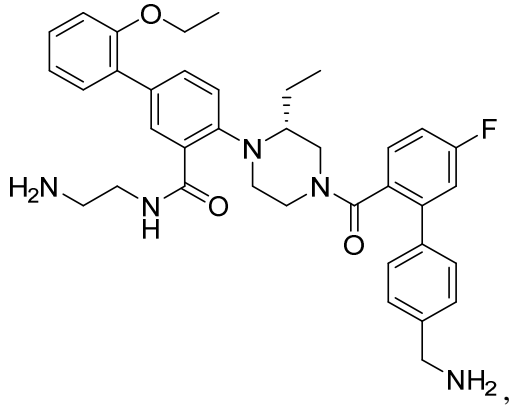
3-7: 3-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-N-[2-(dimethylamino)ethyl]-6-(2-ethoxypyridin-3-yl)pyrazine-2-carboxamide;

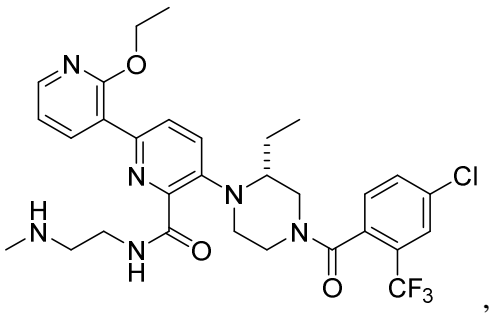
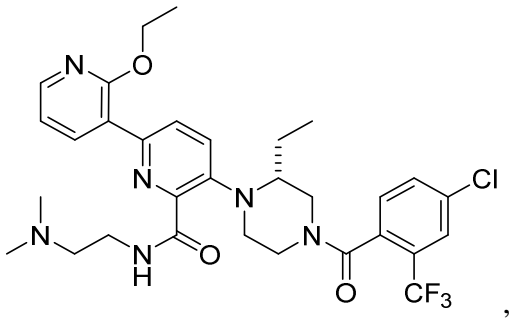
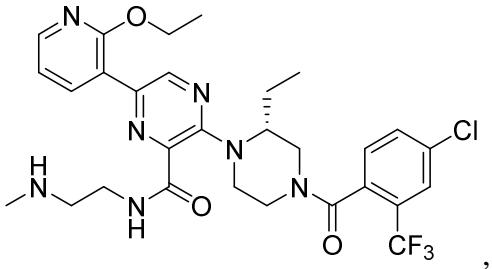
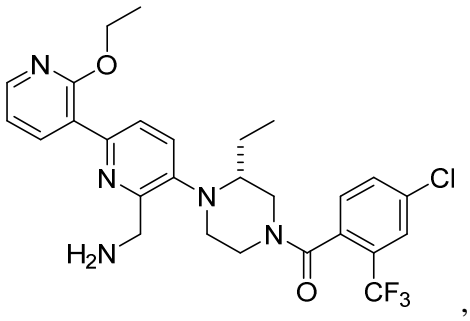
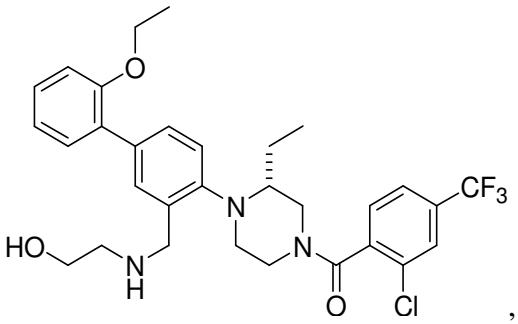
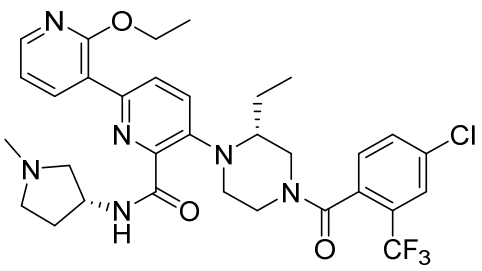
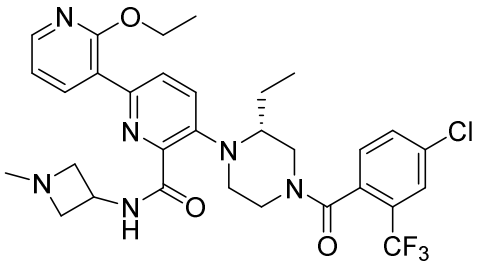
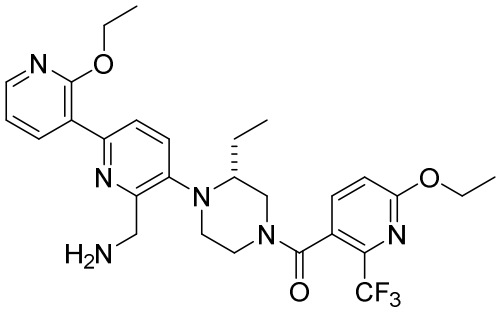
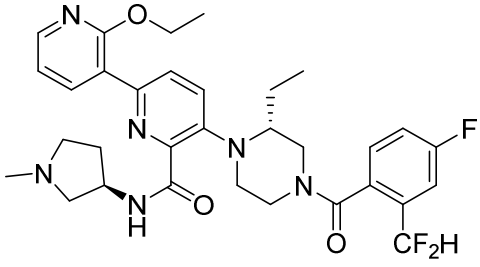
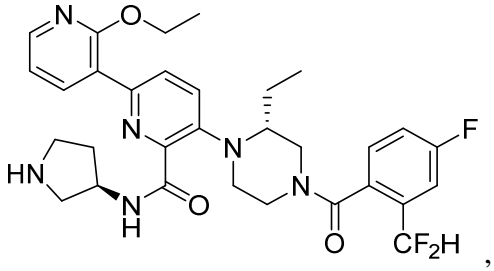
3-8: 3-[(2R)-4-[4-chloro-2-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-6-(2-ethoxypyridin-3-yl)-N-[2-(methylamino)ethyl]pyrazine-2-carboxamide; and

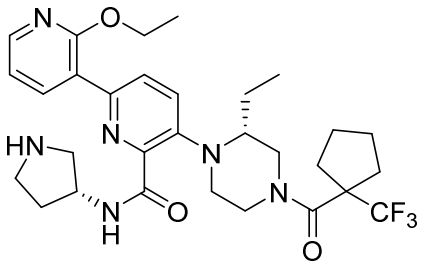
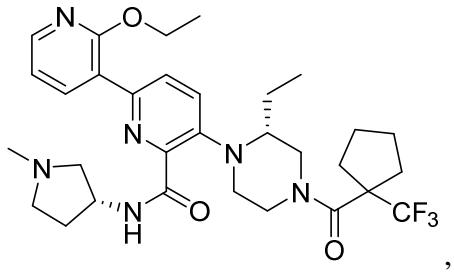
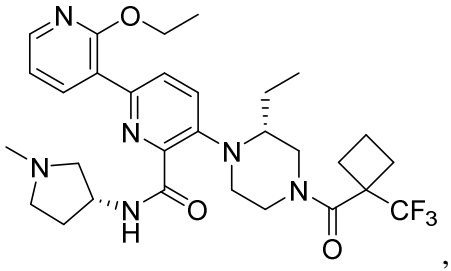
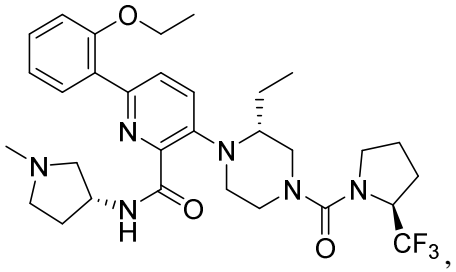
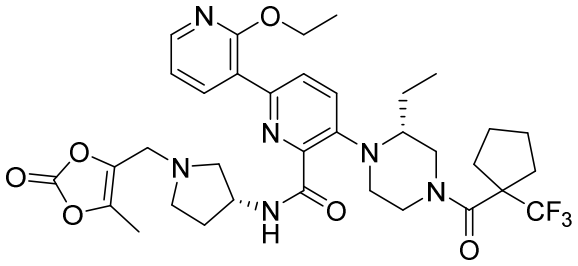
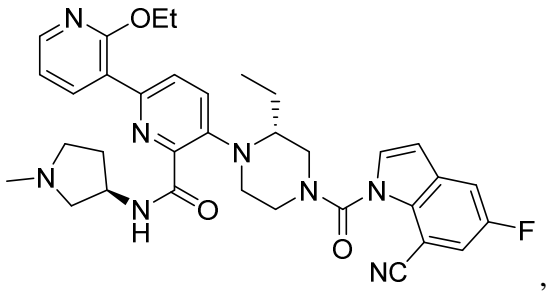
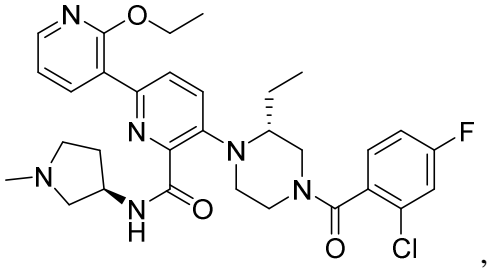
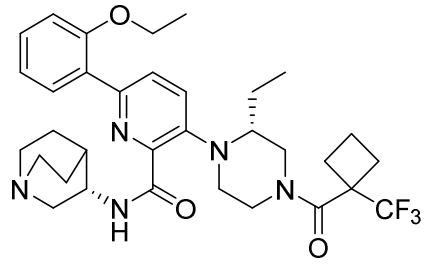
3-9: N-(2-aminoethyl)-5-[(2R)-4-[2-chloro-4-(trifluoromethyl)benzoyl]-2-ethylpiperazin-1-yl]-2-(2-ethoxyphenyl)pyridine-4-carboxamide;

or a pharmaceutically acceptable salt, or solvate thereof.

18. The compound of claim 1, wherein the compound is:


,

,

,

,

,

,


,

,

,

,

,

,

,

,

,

,


,

,

,

,

,

,

, or

, or a

pharmaceutically acceptable salt, or solvate thereof.

19. A pharmaceutical composition comprising a compound of any one of claims 1-18, or a pharmaceutically acceptable salt, or solvate thereof, and at least one pharmaceutically acceptable excipient.

20. Use of a compound of any one of claims 1-18 in the manufacture of a medicament for treating a disease or condition in a mammal that would benefit from the modulation of melanocortin subtype-2 receptor (MC2R) activity;

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;

or wherein the disease or condition is Cushing's syndrome;

or wherein the disease or condition is Cushing's disease;

or wherein the disease or condition is ectopic ACTH syndrome;

or wherein the disease or condition is congenital adrenal hyperplasia.