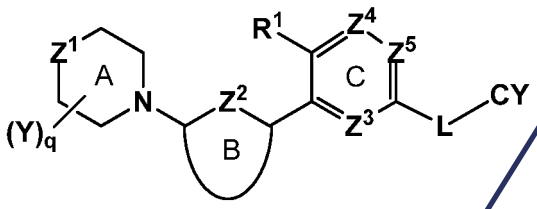
CLAIMS

1. A compound of formula (I):



(I)

or a pharmaceutically acceptable salt thereof, wherein:

Z^1 is O, S, S(=O) or SO_2;

Z^2 is N, S or CR^a, where R^a is H, halo, C_{1-4} alkyl or C_{1-4} haloalkyl;

R^1 is CN, halo, OH, C_{1-4} alkoxy, or C_{1-4} alkyl that is optionally substituted with one to three groups selected from halo, C_{1-4} alkoxy, CN, and hydroxyl;

Ring B is selected from phenyl, pyridine, pyrimidine, pyrazine, pyridazine, pyridone, pyrimidone, pyrazinone, pyridazinone, and thiazole, each of which is optionally substituted with up to two groups selected from halo, OH, CN, C_{1-4} alkyl, C_{2-4} alkenyl, -O-(C_{1-4}alkyl), NH_2, NH-(C_{1-4}alkyl), -N(C_{1-4} alkyl)$_2$, $-SO_2R^2$, $NHSO_2R^2$, $NHC(O)R^2$, $NHCO_2R^2$, C_{3-6} cycloalkyl, 5-6 membered heteroaryl, -O-C_{3-6} cycloalkyl, -O-(5-6-membered heteroaryl), C_{4-8} heterocycloalkyl, and –O-(4-8 membered heterocycloalkyl), where each heterocycloalkyl and heteroaryl contains up to three heteroatoms selected from N, O and S as ring members,

where each C_{1-4} alkyl, C_{2-4} alkenyl, C_{3-6} cycloalkyl, 5-6 membered heteroaryl, and 4-8 membered heterocycloalkyl is each optionally substituted with up to three groups selected from oxo, hydroxyl, halo, C_{1-4} alkyl, C_{1-4} haloalkyl, C_{1-4} alkoxy, and -$(CH_2)_{1-2}$Q where Q is OH, C_{1-4} alkoxy, -CN, NH_2, $-NHR^3$, $-N(R^3)_2$, $-SO_2R^3$, $NHSO_2R^3$, $NHC(O)OR^3$, or $NHC(O)R^3$; each R^2 and R^3 is independently C_{1-4} alkyl; and

Ring B is optionally fused to a 5-6 membered aromatic or nonaromatic ring containing up to two heteroatoms selected from N, O and S, where the 5-6 membered ring can be substituted with halo, C_{1-4} alkyl, C_{1-4} haloalkyl, or C_{1-4} alkoxy, and if the fused ring is non-aromatic the substituent options can further include oxo;

each Y is independently selected from C_{1-4} alkyl, C_{1-4} alkoxy, CN, halo, oxo, $-(CH_2)_pOR^4$, $-(CH_2)_p N(R^4)_2$, $-(CH_2)_pNHC(O)R^4$, $-(CH_2)_pNHCOO(C_{1-4}$ alkyl),and imidazole,

or two Y groups on Ring A are optionally taken together to form a ring fused to or bridging Ring A, where said fused or bridging ring optionally contains a heteroatom selected from N, O and S as a ring member, and is optionally substituted with up to two groups selected from C_{1-4} alkyl, C_{1-4} alkoxy, CN, halo, oxo, $-(CH_2)_pOR^4$, $-(CH_2)_p N(R^4)_2$, $-(CH_2)_pNHC(O)R^4$, and $-(CH_2)_pNHCOO(C_{1-4}$ alkyl);

each R^4 is independently H or C_{1-4} alkyl;

each p is independently 0, 1, or 2;

q is 0, 1 or 2;

Z^3, Z^4, and Z^5 are independently selected from CH and N and optionally NO;

L is $–C(=O)-NR^4$-[CY] or $–NR^4-C(=O)$-[CY], where [CY] indicates which atom of L is attached to CY; and

CY is an aromatic ring selected from phenyl, pyridine, pyrimidine, pyrazine, pyridazine, pyridone, thiazole, isothiazole, oxazole, pyrazole, and isoxazole, wherein the ring is optionally fused to a thiophene, imidazole, oxazolone, or pyrrole ring;

and CY is substituted with up to two groups selected from halo, CN, R^5, OR^5, SO_2R^5, $-S(=NH)(=O)R^5$, OH, NH_2, NHR^5, and $-N(R^5)_2$,

wherein each R^5 is independently C_{1-4} alkyl, C_{2-4} alkenyl, C_{4-6} heterocyclyl, 5-membered heteroaryl containing up to three heteroatoms selected from N, O and S as ring members, or C_{3-8} cycloalkyl, and R^5 is optionally substituted with up to four groups selected from oxo, halo, CN, R^6, OH, OR^6, SO_2R^6, NH_2, NHR^6, $N(R^6)_2$, $NHSO_2R^6$, $NHCOOR^6$, $NHC(=O)R^6$, $-CH_2OR^7$, $-CH_2N(R^7)_2$, wherein each R^6 is independently C_{1-4} alkyl, and each R^7 is independently H or C_{1-4} alkyl;

and two R^4, R^5, R^6, or R^7 on the same nitrogen atom can be taken together to form a 5-6 membered heterocyclic ring optionally containing an additional N, O or S as a ring member and optionally substituted with up to two groups selected from C_{1-4} alkyl, oxo, halo, OH, and C_{1-4} alkoxy.

2. A compound according to claim 1 or a pharmaceutically acceptable salt thereof, wherein Z^1 is O.

3. A compound according to claim 1 or claim 2 or a pharmaceutically acceptable salt thereof, wherein Z^2 is CH.

4. A compound according to any one of claims 1 to 3 or a pharmaceutically acceptable salt thereof, wherein CY is selected from phenyl, pyridine, pyrimidine, pyrazine, pyridazine, pyridone, thiazole, isothiazole, oxazole, and isoxazole.

5. A compound according to any of the preceding claims or a pharmaceutically acceptable salt thereof, wherein R^1 is methyl or CF_3.

6. A compound according to any of the preceding claims or a pharmaceutically acceptable salt thereof, wherein

7. A compound according to any of the preceding claims or a pharmaceutically acceptable salt thereof, wherein CY is substituted phenyl or substituted pyridin-4-yl.

8. A compound according to any of the preceding claims or a pharmaceutically acceptable salt thereof, wherein CY is substituted with at least one group selected from CF_3, OCF_3, t-butyl, $-C(Me)_2CN$, and $–SO_2Me$.

9. A compound according to any of the preceding claims or a pharmaceutically acceptable salt thereof, wherein Z^4 is CH.

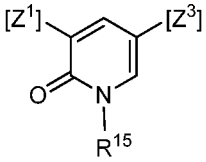
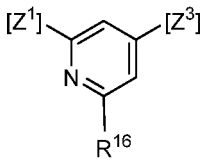
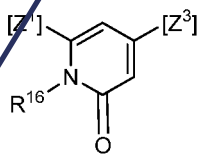
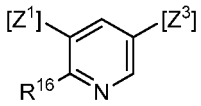
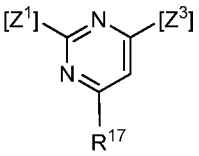
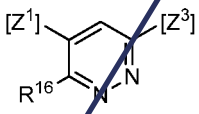
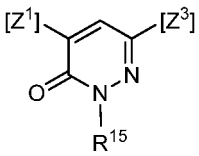
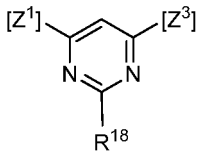
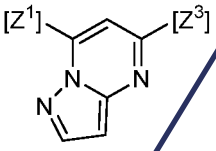
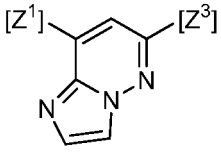
10. A compound according to any of claims 1-8 or a pharmaceutically acceptable salt thereof, wherein Z^4 is N.

11. A compound according to any of the preceding claims or a pharmaceutically acceptable salt thereof, wherein L is -C(=O)-NH-[CY], where [CY] indicates which atom of L is attached to ring CY.

12. A compound according to any of claims 1-10 or a pharmaceutically acceptable salt thereof, wherein L is -NH-C(=O)-[CY], where [CY] indicates which atom of L is attached to ring CY.

13. A compound according to any of the preceding claims or a pharmaceutically acceptable salt thereof, wherein Z^3 is N or CH.

14. A compound of any of the preceding claims, wherein ring B is selected from


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and

, and optionally

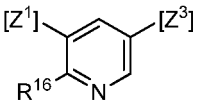
wherein [Z^1] indicates where the ring containing Z^1 is attached to ring B, and [Z^3] indicates where the ring containing Z^3 is attached to ring B,

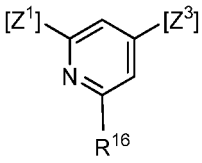
and R^{15}, R^{16}, R^{17} and R^{18} are each selected from R^{20}, CN, halo, $-N(R^{20})_2$, $-OR^{20}$, and C_{4-8} heterocycloalkyl optionally substituted with up to two groups selected from hydroxyl, C_{1-4} alkyl, oxo, and halo; where each R^{20} is independently H or C_{1-4} alkyl optionally substituted

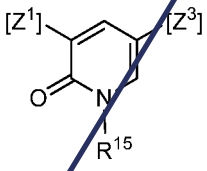
with up to three groups independently selected from halo, oxo, C_{1-4} alkoxy, hydroxyl, amino, and CN, or 5-6 membered heterocyclic ring optionally substituted with up to two groups independently selected from halo, oxo, C_{1-4} alkyl, C_{1-4} alkoxy, hydroxyl, amino, and CN.

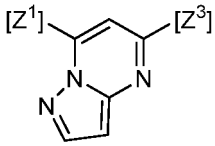
15. A compound of any of the preceding claims, wherein q is 0.

16. A compound of any of the preceding claims, wherein ring B is selected from



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, and


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17. A compound of any of the preceding claims, wherein Z^3 and Z^5 are both CH.

18. A compound of any claims 10-17, wherein Z^4 is N and R^1 is methyl.

19. A compound of any of claims 11-17, wherein Z^4 is CH and R^1 is methyl.

20. A compound of any of the preceding claims, wherein L is –NH-C(=O)-[CY] and CY is phenyl or 4-pyridinyl, and CY is substituted with one or two groups selected from halo, CF_3, CF_2H, CFH_2, $CFMe_2$, and $–CH_2NMe_2$.

21. A compound of claim 1, which is selected from the compounds of Examples 1-1175 and the compounds in Table A, or a pharmaceutically acceptable salt thereof.

22. A pharmaceutical composition comprising a compound of any of the preceding claims or a pharmaceutically acceptable salt thereof and one or more pharmaceutically acceptable carriers.

23. A combination comprising a therapeutically effective amount of a compound according to any one of claims 1 to 21 or a pharmaceutically acceptable salt thereof and one or more therapeutically active co-agents.

24. A method of treating a proliferative disorder, comprising administering to a subject in need thereof a therapeutically effective amount of a compound of any of claims 1-21 or a pharmaceutically acceptable salt thereof.

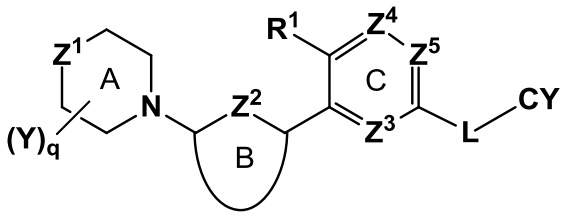
25. A compound according to any one of claims 1 to 21 or a pharmaceutically acceptable salt thereof, for use as a medicament.

26. A compound according to any one of claims 1 to 21 or a pharmaceutically acceptable salt thereof, for use in the treatment of cancer.

27. Use of a compound according to any one of claims 1 to 21 or a pharmaceutically acceptable salt thereof in the manufacture of a medicament for the treatment of cancer.

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

1. A compound of formula (I):



(I)

or a pharmaceutically acceptable salt thereof, wherein:

Z^1 is O, S, S(=O) or SO_2;

Z^2 is N, S or CR^a, where R^a is H, halo, C_{1-4} alkyl or C_{1-4} haloalkyl;

R^1 is CN, halo, OH, C_{1-4} alkoxy, or C_{1-4} alkyl that is optionally substituted with one to three groups selected from halo, C_{1-4} alkoxy, CN, and hydroxyl;

Ring B is selected from phenyl, pyridine, pyrimidine, pyrazine, pyridazine, pyridone, pyrimidone, pyrazinone, pyridazinone, and thiazole, each of which is optionally substituted with up to two groups selected from halo, OH, CN, C_{1-4} alkyl, C_{2-4} alkenyl, -O-(C_{1-4}alkyl), NH_2, NH-(C_{1-4}alkyl), -N(C_{1-4} alkyl)$_2$, -SO_2R^2, $NHSO_2R^2$, $NHC(O)R^2$, $NHCO_2R^2$, C_{3-6} cycloalkyl, 5-6 membered heteroaryl, -O-C_{3-6} cycloalkyl, -O-(5-6-membered heteroaryl), C_{4-8} heterocycloalkyl, and –O-(4-8 membered heterocycloalkyl), where each heterocycloalkyl and heteroaryl contains up to three heteroatoms selected from N, O and S as ring members,

where each C_{1-4} alkyl, C_{2-4} alkenyl, C_{3-6} cycloalkyl, 5-6 membered heteroaryl, and 4-8 membered heterocycloalkyl is each optionally substituted with up to three groups selected from oxo, hydroxyl, halo, C_{1-4} alkyl, C_{1-4} haloalkyl, C_{1-4} alkoxy, and -$(CH_2)_{1-2}$Q where Q is OH, C_{1-4} alkoxy, -CN, NH_2, -NHR^3, -N(R^3)$_2$, -SO_2R^3, $NHSO_2R^3$, $NHC(O)OR^3$, or $NHC(O)R^3$; each R^2 and R^3 is independently C_{1-4} alkyl; and

Ring B is optionally fused to a 5-6 membered aromatic or nonaromatic ring containing up to two heteroatoms selected from N, O and S, where the 5-6 membered ring can be substituted with halo, C_{1-4} alkyl, C_{1-4} haloalkyl, or C_{1-4} alkoxy, and if the fused ring is non-aromatic the substituent options can further include oxo;

each Y is independently selected from C_{1-4} alkyl, C_{1-4} alkoxy, CN, halo, oxo, $-(CH_2)_pOR^4$, $-(CH_2)_p N(R^4)_2$, $-(CH_2)_pNHC(O)R^4$, $-(CH_2)_pNHCOO(C_{1-4}$ alkyl),and imidazole,

or two Y groups on Ring A are optionally taken together to form a ring fused to or bridging Ring A, where said fused or bridging ring optionally contains a heteroatom selected from N, O and S as a ring member, and is optionally substituted with up to two groups selected from C_{1-4} alkyl, C_{1-4} alkoxy, CN, halo, oxo, $-(CH_2)_pOR^4$, $-(CH_2)_p N(R^4)_2$, $-(CH_2)_pNHC(O)R^4$, and $-(CH_2)_pNHCOO(C_{1-4}$ alkyl);

each R^4 is independently H or C_{1-4} alkyl;

each p is independently 0, 1, or 2;

q is 0, 1 or 2;

Z^3, Z^4, and Z^5 are independently selected from CH and N and optionally NO;

L is $–C(=O)-NR^4-$[CY] or $–NR^4-C(=O)-$[CY], where [CY] indicates which atom of L is attached to CY; and

CY is an aromatic ring selected from phenyl, pyridine, pyrimidine, pyrazine, pyridazine, pyridone, thiazole, isothiazole, oxazole, pyrazole, and isoxazole, wherein the ring is optionally fused to a thiophene, imidazole, oxazolone, or pyrrole ring;

and CY is substituted with up to two groups selected from halo, CN, R^5, OR^5, SO_2R^5, $-S(=NH)(=O)R^5$, OH, NH_2, NHR^5, and $-N(R^5)_2$,

wherein each R^5 is independently C_{1-4} alkyl, C_{2-4} alkenyl, C_{4-6} heterocyclyl, 5-membered heteroaryl containing up to three heteroatoms selected from N, O and S as ring members, or C_{3-8} cycloalkyl, and R^5 is optionally substituted with up to four groups selected from oxo, halo, CN, R^6, OH, OR^6, SO_2R^6, NH_2, NHR^6, $N(R^6)_2$, $NHSO_2R^6$, $NHCOOR^6$, $NHC(=O)R^6$, $-CH_2OR^7$, $-CH_2N(R^7)_2$, wherein each R^6 is independently C_{1-4} alkyl, and each R^7 is independently H or C_{1-4} alkyl;

and two R^4, R^5, R^6, or R^7 on the same nitrogen atom can be taken together to form a 5-6 membered heterocyclic ring optionally containing an additional N, O or S as a ring member and optionally substituted with up to two groups selected from C_{1-4} alkyl, oxo, halo, OH, and C_{1-4} alkoxy.

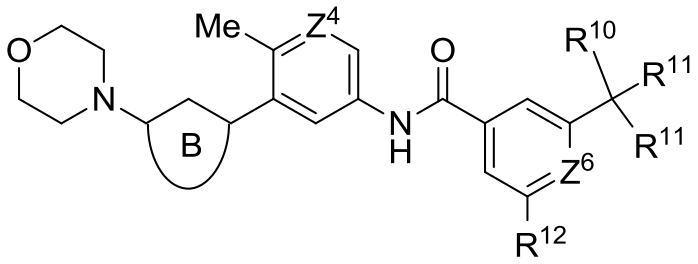
2. A compound according to claim 1 or a pharmaceutically acceptable salt thereof, wherein Z^1 is O.

3. A compound according to claim 1 or claim 2 or a pharmaceutically acceptable salt thereof, wherein Z^2 is CH.

4. A compound according to any one of claims 1 to 3 or a pharmaceutically acceptable salt thereof, wherein CY is selected from phenyl, pyridine, pyrimidine, pyrazine, pyridazine, pyridone, thiazole, isothiazole, oxazole, and isoxazole.

5. A compound according to any one of the preceding claims or a pharmaceutically acceptable salt thereof, wherein R^1 is methyl or CF_3.

6. A compound according to any one of the preceding claims or a pharmaceutically acceptable salt thereof, which is of the formula:



wherein Z^4 is CH or N;

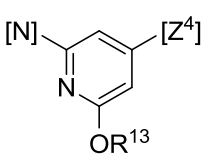
Z^6 is CH or N;

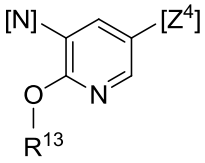
R^{10} is selected from F, CN, OH, -OMe, and $-NMe_2$;

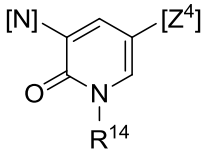
each R^{11} is independently selected from H, F, and Me;

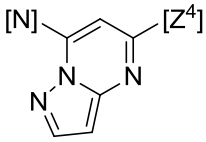
R^{12} is selected from H, halo, CF_3, and $–CH_2R^{13}$, where R^{13} is selected from F, –OH, -OMe, NH_2, NHMe, NMe_2; and

Ring B is selected from



,


,


and


, where [N] indicates the point of attachment of Ring B to the morpholine ring and [Z^4] indicates the point where Ring B is attached to the ring containing Z^4;

R^{13} is selected from C_{1-4} alkyl, tetrahydropyranyl, and C_{1-4} haloalkyl, wherein the C_{1-4} alkyl group is optionally substituted with up to three groups selected from halo, CN, -$N(R^{15})_2$, and -OR^{15};

R^{14} is C_{1-6} alkyl optionally substituted with up to three groups selected from halo, CN, -$N(R^{15})_2$, and -OR^{15}; and

each R^{15} is selected from H and Me,

or a pharmaceutically acceptable salt thereof.

7. A compound according to any one of the preceding claims or a pharmaceutically acceptable salt thereof, wherein CY is substituted phenyl or substituted pyridin-4-yl.

8. A compound according to any one of the preceding claims or a pharmaceutically acceptable salt thereof, wherein CY is substituted with at least one group selected from CF_3, OCF_3, t-butyl, -$C(Me)_2CN$, and –SO_2Me.

9. A compound according to any one of the preceding claims or a pharmaceutically acceptable salt thereof, wherein Z^4 is CH.

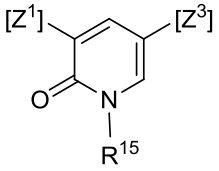
10. A compound according to any one of claims 1-8 or a pharmaceutically acceptable salt thereof, wherein Z^4 is N.

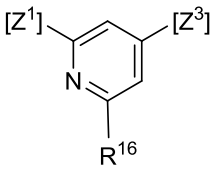
11. A compound according to any one of the preceding claims or a pharmaceutically acceptable salt thereof, wherein L is -C(=O)-NH-[CY], where [CY] indicates which atom of L is attached to ring CY.

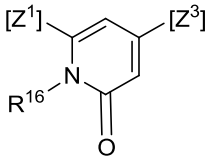
12. A compound according to any one of claims 1-10 or a pharmaceutically acceptable salt thereof, wherein L is -NH-C(=O)-[CY], where [CY] indicates which atom of L is attached to ring CY.

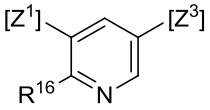
13. A compound according to any one of the preceding claims or a pharmaceutically acceptable salt thereof, wherein Z^3 is N or CH.

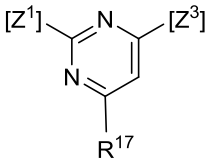
14. A compound of any one of the preceding claims, wherein ring B is selected from

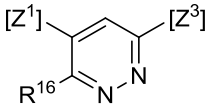


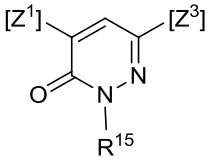
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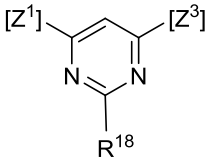
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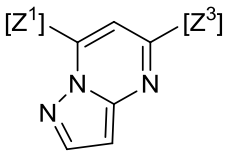


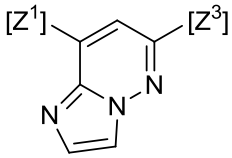
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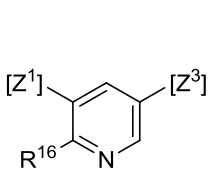
and , and optionally

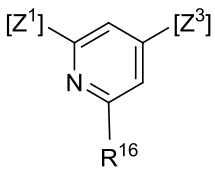
wherein [Z^1] indicates where the ring containing Z^1 is attached to ring B, and [Z^3] indicates where the ring containing Z^3 is attached to ring B,

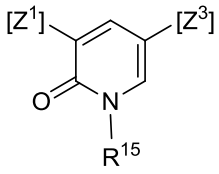
and R^{15}, R^{16}, R^{17} and R^{18} are each selected from R^{20}, CN, halo, $-N(R^{20})_2$, $-OR^{20}$, and C_{4-8} heterocycloalkyl optionally substituted with up to two groups selected from hydroxyl, C_{1-4} alkyl, oxo, and halo; where each R^{20} is independently H or C_{1-4} alkyl optionally substituted with up to three groups independently selected from halo, oxo, C_{1-4} alkoxy, hydroxyl, amino, and CN, or 5-6 membered heterocyclic ring optionally substituted with up to two groups independently selected from halo, oxo, C_{1-4} alkyl, C_{1-4} alkoxy, hydroxyl, amino, and CN.

15. A compound of any one of the preceding claims, wherein q is 0.

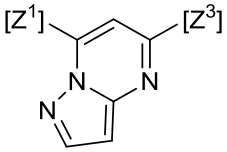
16. A compound of any of the preceding claims, wherein ring B is selected from



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, and



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17. A compound of any one of the preceding claims, wherein Z^3 and Z^5 are both CH.

18. A compound of any one of the preceding claims, wherein Z^4 is N and R^1 is methyl.

19. A compound of any one of claims 1-17, wherein Z^4 is CH and R^1 is methyl.

20. A compound of any one of the preceding claims, wherein L is –NH-C(=O)-[CY] and CY is phenyl or 4-pyridinyl, and CY is substituted with one or two groups selected from halo, CF_3, CF_2H, CFH_2, $CFMe_2$, and $–CH_2NMe_2$.

21. A compound of claim 1, which is selected from:
N-(4-methyl-3-(6-morpholinopyrimidin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(6-morpholinopyrimidin-4-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(2-morpholino-6-(3-oxomorpholino)pyrimidin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
4-methyl-3-(2-morpholino-6-(3-oxomorpholino)pyrimidin-4-yl)-N-(3-(trifluoromethyl)phenyl)benzamide;

N-(6-methyl-5-(2-morpholino-6-(3-oxomorpholino)pyrimidin-4-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(3-(6-(1,1-dioxidothiomorpholino)-2-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
3-(6-(1,1-dioxidothiomorpholino)-2-morpholinopyrimidin-4-yl)-4-methyl-N-(3-(trifluoromethyl)phenyl)benzamide;
N-(3-(2-(1,1-dioxidothiomorpholino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
3-(2-(1,1-dioxidothiomorpholino)-6-morpholinopyrimidin-4-yl)-4-methyl-N-(3-(trifluoromethyl)phenyl)benzamide;
N-(3-(2,6-dimorpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
3-(2,6-dimorpholinopyrimidin-4-yl)-4-methyl-N-(3-(trifluoromethyl)phenyl)benzamide;
N-(5-(2,6-dimorpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(3-(4,6-dimorpholinopyrimidin-2-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
3-(4,6-dimorpholinopyrimidin-2-yl)-4-methyl-N-(3-(trifluoromethyl)phenyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(3-(2,6-dimorpholinopyrimidin-4-yl)-4-methylphenyl)isonicotinamide;
3-(2-cyanopropan-2-yl)-N-(3-(2,6-dimorpholinopyrimidin-4-yl)-4-methylphenyl)benzamide;
2-chloro-3-(1-cyanocyclopropyl)-N-(3-(2,6-dimorpholinopyrimidin-4-yl)-4-methylphenyl)benzamide;
5-(dimethylamino)-N-(3-(2,6-dimorpholinopyrimidin-4-yl)-4-methylphenyl)nicotinamide;
5-(tert-butyl)-N-(3-(2,6-dimorpholinopyrimidin-4-yl)-4-methylphenyl)nicotinamide;
3-((dimethylamino)methyl)-N-(3-(2,6-dimorpholinopyrimidin-4-yl)-4-methylphenyl)-5-(trifluoromethyl)benzamide;
N-(3-(2,6-dimorpholinopyrimidin-4-yl)-4-methylphenyl)-3-(4-ethylpiperazin-1-yl)-5-(trifluoromethyl)benzamide;

N-(3-(2,6-dimorpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethoxy)benzamide;
N-(3-(2,6-dimorpholinopyrimidin-4-yl)-4-methylphenyl)-3-(methylsulfonyl)benzamide;
3-(tert-butyl)-N-(3-(2,6-dimorpholinopyrimidin-4-yl)-4-methylphenyl)isoxazole-5-carboxamide;
5-(tert-butyl)-N-(3-(2,6-dimorpholinopyrimidin-4-yl)-4-methylphenyl)isoxazole-3-carboxamide;
N-(3-(2,6-dimorpholinopyrimidin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)thiazole-4-carboxamide;
N-(4-methyl-3-(2-(methylsulfonyl)-6-morpholinopyrimidin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(2-(methylamino)-6-morpholinopyrimidin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(3-(2-((2-hydroxyethyl)amino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(2-(3-hydroxypyrrolidin-1-yl)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(2-(1H-imidazol-1-yl)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(2-(2-hydroxyethoxy)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(2-(methylsulfonamido)-6-morpholinopyrimidin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(6-morpholino-2-(2-oxopyrrolidin-1-yl)pyrimidin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(3-(2-(4-(2-hydroxypropan-2-yl)-1H-1,2,3-triazol-1-yl)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(2-amino-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;

N-(3-(2-((1,3-dihydroxypropan-2-yl)amino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(2-(2-hydroxyethoxy)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(2-morpholino-6-(prop-1-en-2-yl)pyrimidin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(4-morpholino-6-(prop-1-en-2-yl)pyrimidin-2-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(3-(4-isopropyl-6-morpholinopyrimidin-2-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(6-isopropyl-2-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(6-(2,2-dimethylmorpholino)-2-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
(R)-N-(3-(6-(3-(hydroxymethyl)morpholino)-2-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(6-(3-oxa-8-azabicyclo[3.2.1]octan-8-yl)-2-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(6-(2-oxa-5-azabicyclo[2.2.1]heptan-5-yl)-2-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(6-(8-oxa-3-azabicyclo[3.2.1]octan-3-yl)-2-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
(R)-N-(4-methyl-3-(6-(2-methylmorpholino)-2-morpholinopyrimidin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
(S)-N-(4-methyl-3-(6-(2-methylmorpholino)-2-morpholinopyrimidin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(3-(6-(3-oxa-8-azabicyclo[3.2.1]octan-8-yl)-2-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(2-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyrimidin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(5-methyl-2,6-dimorpholinopyrimidin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;

N-(6-methyl-5-(6-morpholinopyridazin-4-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(5-morpholinopyridazin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(6-methyl-5-(5-morpholinopyridazin-3-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(2-morpholino-6-(trifluoromethyl)pyrimidin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(2-morpholinopyridin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
4-Methyl-3-(2-morpholinopyridin-4-yl)-N-(3-(trifluoromethyl)phenyl)benzamide;
4-methyl-3-(4-morpholinopyridin-2-yl)-N-(3-(trifluoromethyl)phenyl)benzamide;
N-(3-(2,6-dimorpholinopyridin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(2-morpholinopyridin-4-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(2-morpholinopyridin-4-yl)phenyl)pyridazine-3-carboxamide;
N-(4-methyl-3-(2-morpholinopyridin-4-yl)phenyl)-3-(methylsulfonyl)benzamide;
2-(tert-butyl)-N-(4-methyl-3-(2-morpholinopyridin-4-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(2-morpholinopyridin-4-yl)phenyl)pyrazine-2-carboxamide;
N-(4-methyl-3-(2-morpholinopyridin-4-yl)phenyl)pyrimidine-5-carboxamide;
N-(4-methyl-3-(2-morpholinopyridin-4-yl)phenyl)pyridazine-4-carboxamide;
N-(4-methyl-3-(2-morpholinopyridin-4-yl)phenyl)-2-(methylsulfonyl)isonicotinamide;
3-(4-ethylpiperazin-1-yl)-N-(4-methyl-3-(2-morpholinopyridin-4-yl)phenyl)-5-(trifluoromethyl)benzamide;
3-(difluoromethyl)-N-(4-methyl-3-(2-morpholinopyridin-4-yl)phenyl)benzamide;
N-(3-(2-(dimethylamino)-6-morpholinopyridin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(2-methyl-2',6'-dimorpholino-[3,4'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
(S)-N-(3-(2-(2-(hydroxymethyl)morpholino)pyridin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(3-(2-((2R,5R)-2-((dimethylamino)methyl)-5-methylmorpholino)pyridin-4-yl)-4-methylphenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(2-((2S,5S)-2-((dimethylamino)methyl)-5-methylmorpholino)pyridin-4-yl)-4-methylphenyl)isonicotinamide;
5-(dimethylamino)-N-(2-methyl-2'-morpholino-[3,4'-bipyridin]-5-yl)nicotinamide;

(R)-2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(2-(3-methylmorpholino)pyridin-4-yl)phenyl)isonicotinamide;
(S)-2-(2-cyanopropan-2-yl)-N-(3-(2-(2-(hydroxymethyl)morpholino)pyridin-4-yl)-4-methylphenyl)isonicotinamide;
(R)-2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(2-(2-((methylamino)methyl)morpholino)pyridin-4-yl)phenyl)isonicotinamide;
(R)-N-(3-(2-(2-(acetamidomethyl)morpholino)pyridin-4-yl)-4-methylphenyl)-2-(2-cyanopropan-2-yl)isonicotinamide;
(R)-methyl ((4-(2-methyl-5-(3-(trifluoromethyl)benzamido)-[3,4'-bipyridin]-2'-yl)morpholin-2-yl)methyl)carbamate;
(R)-N-(2'-(2-((2-hydroxyacetamido)methyl)morpholino)-2-methyl-[3,4'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(2-methoxy-2'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(2'-morpholino-2-oxo-1,2-dihydro-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(2'-morpholino-2-oxo-1,2-dihydro-[3,4'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(2'-morpholino-2-oxo-1,2-dihydro-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(3-(6-amino-4-morpholinopyridin-2-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(2-amino-6-morpholinopyridin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
1-ethyl-N-(4-methyl-3-(2-morpholinopyridin-4-yl)phenyl)-6-oxo-5-(trifluoromethyl)-1,6-dihydropyridine-3-carboxamide;
2-(2-cyanopropan-2-yl)-N-(2-methyl-2'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(2-methyl-2'-morpholino-[3,4'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
4-methoxy-N-(2-methyl-2'-morpholino-[3,4'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
4-fluoro-3-methoxy-N-(2-methyl-2'-morpholino-[3,4'-bipyridin]-5-yl)benzamide;
3-(difluoromethyl)-*N*-(2-methyl-2’-morpholino-[3,4’-bipyridin]-5-yl)benzamide;

2-(1,1-difluoroethyl)-N-(2-methyl-2'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
3-(1,1-difluoroethyl)-N-(2-methyl-2'-morpholino-[3,4'-bipyridin]-5-yl)benzamide;
N-(2-methyl-2'-morpholino-[3,4'-bipyridin]-5-yl)-2-(methylsulfonyl)isonicotinamide;
N-(2-methyl-2'-morpholino-[3,4'-bipyridin]-5-yl)-3-(methylsulfonyl)benzamide;
2-(tert-butyl)-N-(2-methyl-2'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(2-morpholino-6-(tetrahydro-2H-pyran-4-yl)pyridin-4-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(2-morpholino-6-(tetrahydro-2H-pyran-4-yl)pyridin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
4-(hydroxymethyl)-3-(2-morpholinopyridin-4-yl)-N-(3-(trifluoromethyl) phenyl)benzamide;
4-(difluoromethyl)-3-(2-morpholinopyridin-4-yl)-N-(3-(trifluoromethyl)phenyl)benzamide;
4-(fluoromethyl)-3-(2-morpholinopyridin-4-yl)-N-(3-(trifluoromethyl)phenyl)benzamide;
N-(4-methyl-3-(4-morpholinopyridin-2-yl)phenyl)-3-(trifluoromethyl)benzamide;
3-(2,6-dimorpholinopyridin-4-yl)-4-methyl-N-(3-(trifluoromethyl)phenyl)benzamide;
N-(4-methyl-3-(2-(1-methyl-1H-pyrazol-4-yl)-6-morpholinopyridin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
3-(2-cyanopropan-2-yl)-N-(4-methyl-3-(2-morpholino-6-(tetrahydro-2H-pyran-4-yl)pyridin-4-yl)phenyl)benzamide;
N-(3-(2-((2-hydroxyethyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
1-ethyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-6-oxo-5-(trifluoromethyl)-1,6-dihydropyridine-3-carboxamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(6-morpholinopyrazin-2-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(4-methyl-6-morpholino-5-oxo-4,5-dihydropyrazin-2-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(6-morpholino-5-oxo-4,5-dihydropyrazin-2-yl)phenyl)-3-(trifluoromethyl)benzamide;

N-(6-methyl-5-(6-morpholino-5-oxo-4,5-dihydropyrazin-2-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(3-(2-methoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(1-methyl-5-morpholino-2-oxo-1,2-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(1',2-dimethyl-5'-morpholino-2'-oxo-1',2'-dihydro-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(5-morpholino-2-oxo-1,2-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(3-(6-methoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(6'-methoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(3-(6-methoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(6'-methoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(2-methyl-5'-morpholino-6'-oxo-1'-(tetrahydro-2H-pyran-4-yl)-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(1'-isopropyl-2-methyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-isopropoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(3-(1-isopropyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(6-isopropoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;

4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-N-(3-(trifluoromethyl)phenyl)benzamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
2-(tert-butyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(3-(1-(2-hydroxyethyl)-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(3-(1-(2-hydroxyethyl)-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)isonicotinamide;
N-(1'-(2-hydroxyethyl)-2-methyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-(2-hydroxyethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(3-(1-(cyanomethyl)-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
(R)-N-(3-(1-(1-cyanoethyl)-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
(S)-N-(3-(1-(1-cyanoethyl)-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(1-(2-(methylsulfonyl)ethyl)-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(2-methyl-1'-(2-(methylsulfonyl)ethyl)-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
(S)-N-(3-(6-(1-cyanoethoxy)-5-morpholinopyridin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;

(R)-N-(3-(6-(1-cyanoethoxy)-5-morpholinopyridin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
4-methyl-3-(1-(2-(methylsulfonyl)ethyl)-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-N-(3-(trifluoromethyl)phenyl)benzamide;
N-(3-(1-ethyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(1'-ethyl-2-methyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(3-(1-ethyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
N-(3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(1-ethyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)isonicotinamide;
N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)-N-(3-(trifluoromethyl)phenyl)benzamide;
N-(6-methyl-5-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(6-methyl-5-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)pyridin-3-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(6-methyl-5-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)pyridin-3-yl)isonicotinamide;

N-(3-(4-ethyl-6-morpholino-5-oxo-4,5-dihydropyrazin-2-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(4-(2,2-difluoroethyl)-6-morpholino-5-oxo-4,5-dihydropyrazin-2-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
3-(difluoromethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)benzamide;
3-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)benzamide;
3-((dimethylamino)methyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-5-(trifluoromethyl)benzamide;
3-(4-ethylpiperazin-1-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-5-(trifluoromethyl)benzamide;
5-(dimethylamino)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)nicotinamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(methylsulfonyl)-5-(trifluoromethyl)benzamide;
3-(1,1-difluoroethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)benzamide;
2-(1,1-difluoroethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-2-(trifluoromethyl)isonicotinamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-4-methoxy-3-(trifluoromethyl)benzamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-4-fluoro-3-methoxybenzamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-2-(methylsulfonyl)isonicotinamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(methylsulfonyl)benzamide;
2-(difluoromethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;

3-(difluoromethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
4-(difluoromethyl)-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-N-(3-(trifluoromethyl)phenyl)benzamide;
methyl (2-(2'-methyl-5-morpholino-6-oxo-5'-(3-(trifluoromethyl)benzamido)-[3,3'-bipyridin]-1(6H)-yl)ethyl)carbamate;
Methyl (2-(5-(2-methyl-5-(3-(trifluoromethyl)benzamido)phenyl)-3-morpholino-2-oxopyridin-1(2H)-yl)ethyl)carbamate;
N-(3-(4-methoxy-6-morpholinopyridin-2-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(6-morpholino-4-oxo-1,4-dihydropyridin-2-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(2-morpholinothiazol-5-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(2-morpholinothiazol-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
2-(difluoromethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
N-(6'-cyano-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(3-(6-(difluoromethoxy)-5-morpholinopyridin-3-yl)-4-methylphenyl)isonicotinamide;
N-(6'-(difluoromethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(6'-(difluoromethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(3-(6-(difluoromethoxy)-5-morpholinopyridin-3-yl)-4-methylphenyl)-2-(2-hydroxypropan-2-yl)isonicotinamide;
N-(6'-(2,2-difluoroethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(6'-(2,2-difluoroethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;

N-(3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)-3-(methylsulfonyl)benzamide;
N-(3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)-3-(1,3,4-oxadiazol-2-yl)benzamide;
3-(difluoromethyl)-N-(3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)benzamide;
N-(3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)-2-(methylsulfonyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)isonicotinamide;
N-(3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)-1-ethyl-6-oxo-5-(trifluoromethyl)-1,6-dihydropyridine-3-carboxamide;
3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methyl-N-(3-(trifluoromethyl)phenyl)benzamide;
3-(6-ethoxy-5-morpholinopyridin-3-yl)-N-(3-(2-hydroxypropan-2-yl)phenyl)-4-methylbenzamide;
2-(difluoromethyl)-N-(3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)isonicotinamide;
3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methyl-N-(3-(methylsulfonyl)phenyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(2-hydroxypropan-2-yl)isonicotinamide;
N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-1-ethyl-6-oxo-5-(trifluoromethyl)-1,6-dihydropyridine-3-carboxamide;
N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(methylsulfonyl)benzamide;
N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(methylsulfonyl)isonicotinamide;
N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(1,3,4-oxadiazol-2-yl)benzamide;

5-cyclopropyl-N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isoxazole-3-carboxamide;
N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
2-(difluoromethyl)-N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-cyano-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-((dimethylamino)methyl)-5-(trifluoromethyl)benzamide;
N-(6'-cyano-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(1,1-difluoroethyl)isonicotinamide;
N-(6'-cyano-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-isopropylisonicotinamide;
N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-isopropylisonicotinamide;
N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(2-fluoropropan-2-yl)isonicotinamide;
2-cyclopropyl-N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(oxetan-3-yl)isonicotinamide;
3-(6-ethoxy-5-morpholinopyridin-3-yl)-N-(2-fluoro-5-(prop-1-en-2-yl)phenyl)-4-methylbenzamide;
N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(4-ethylpiperazin-1-yl)-5-(trifluoromethyl)benzamide;
3-((dimethylamino)methyl)-N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-5-(trifluoromethyl)benzamide;
N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
N-(2-chloro-6'-methoxy-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(1-cyanocyclopropyl)isonicotinamide;

N-(2-chloro-6'-methoxy-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(1,1-difluoroethyl)isonicotinamide;
N-(2-chloro-6'-methoxy-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(2-fluoropropan-2-yl)isonicotinamide;
N-(2-chloro-6'-methoxy-5'-morpholino-[3,3'-bipyridin]-5-yl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
N-(2-chloro-6'-methoxy-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(2-cyanopropan-2-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(6'-(dimethylamino)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
2-(1-cyanocyclopropyl)-N-(6'-(dimethylamino)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(6'-(dimethylamino)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(6'-(dimethylamino)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(2-fluoropropan-2-yl)isonicotinamide;
N-(6'-(dimethylamino)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-((dimethylamino)methyl)-5-(trifluoromethyl)benzamide;
N-(6'-(dimethylamino)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
6-cyclopropyl-N-(6'-(dimethylamino)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)pyridazine-4-carboxamide;
2-(2-cyanopropan-2-yl)-N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(4-methyl-3-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridin-3-yl)phenyl)-2-(methylsulfonyl)isonicotinamide;
N-(4-methyl-3-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridin-3-yl)phenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
6-cyclopropyl-N-(4-methyl-3-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridin-3-yl)phenyl)pyridazine-4-carboxamide;

2-(2-hydroxypropan-2-yl)-N-(4-methyl-3-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridin-3-yl)phenyl)isonicotinamide;
N-(5'-(3-oxa-8-azabicyclo[3.2.1]octan-8-yl)-2-methyl-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
N-(5'-(3-oxa-8-azabicyclo[3.2.1]octan-8-yl)-2-methyl-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)-2-(2-fluoropropan-2-yl)isonicotinamide;
N-(3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
N-(6'-methoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(2-fluoropropan-2-yl)isonicotinamide;
N-(5'-(3-oxa-8-azabicyclo[3.2.1]octan-8-yl)-6'-ethoxy-2-methyl-[3,3'-bipyridin]-5-yl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
2-(1-cyanocyclopropyl)-N-(6'-methoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
6-(2-cyanopropan-2-yl)-N-(3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)pyridazine-4-carboxamide;
(R)-N-(6'-ethoxy-2-methyl-5'-(3-methylmorpholino)-[3,3'-bipyridin]-5-yl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
(S)-N-(6'-ethoxy-2-methyl-5'-(3-methylmorpholino)-[3,3'-bipyridin]-5-yl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
6-(2-cyanopropan-2-yl)-N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)pyridazine-4-carboxamide;
N-(6'-chloro-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(1-cyanocyclopropyl)isonicotinamide;
N-(6'-chloro-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(2-cyanopropan-2-yl)isonicotinamide;
N-(6'-chloro-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(2-fluoropropan-2-yl)isonicotinamide;
N-(6'-chloro-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
N-(6'-chloro-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-6-(trifluoromethyl)pyridazine-4-carboxamide;

N-(6'-chloro-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-6-(2-cyanopropan-2-yl)pyridazine-4-carboxamide;
2-(2-fluoropropan-2-yl)-N-(2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
6-(2-cyanopropan-2-yl)-N-(2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)pyridazine-4-carboxamide;
2-(2-cyanopropan-2-yl)-N-(2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(6'-fluoro-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(2-fluoropropan-2-yl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(6'-(2-hydroxyethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(6'-(2-hydroxyethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(6'-(2-hydroxyethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-4-(trifluoromethyl)picolinamide;
6-(1-cyanocyclopropyl)-N-(4-methyl-3-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridin-3-yl)phenyl)pyridazine-4-carboxamide;
(R)-6-(2-cyanopropan-2-yl)-N-(6'-ethoxy-2-methyl-5'-(3-methylmorpholino)-[3,3'-bipyridin]-5-yl)pyridazine-4-carboxamide;
N-(3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)-6-(2-fluoropropan-2-yl)pyridazine-4-carboxamide;
N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-6-(2-fluoropropan-2-yl)pyridazine-4-carboxamide;
3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methyl-N-(2-(trifluoromethyl)pyridin-4-yl)benzamide;
N-(6'-(dimethylamino)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-(dimethylamino)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-isopropylisonicotinamide;
N-(2-methyl-5'-(3-oxomorpholino)-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;

(S)-N-(2-methyl-5'-morpholino-6'-((tetrahydrofuran-3-yl)oxy)-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
(R)-N-(2-methyl-5'-morpholino-6'-((tetrahydrofuran-3-yl)oxy)-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-(2-methoxyethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
2-isopropyl-N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
N-(2-methyl-5'-morpholino-6'-(oxetan-3-yloxy)-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-(((1r,4r)-4-hydroxycyclohexyl)oxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-(((1s,4s)-4-hydroxycyclohexyl)oxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
rac-N-(6'-(((1,3-*cis*)-3-hydroxycyclopentyl)oxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
rac-N-(6'-(((1,3-*trans*)-3-hydroxycyclopentyl)oxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-((3-hydroxycyclohexyl)oxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(2-methyl-6'-((1-methylazetidin-3-yl)oxy)-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-(2-oxaspiro[3.3]heptan-6-yloxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
2-isopropyl-N-(6'-methoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(6'-methoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
N-(6'-(azetidin-3-yloxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;

N-(6'-(2-cyanopropan-2-yl)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(2-methyl-6'-((methylsulfonyl)methyl)-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-methyl-N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-ethyl-N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)-N-propyl-3-(trifluoromethyl)benzamide;
N-(3-(1-ethyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(1'-ethyl-2-methyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(1'-(2-cyanoethyl)-2-methyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(3-(1-(2-cyanoethyl)-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)-2-(1,1-difluoroethyl)isonicotinamide;
N-(3-(1-(2-cyanoethyl)-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)-2-(2-cyanopropan-2-yl)isonicotinamide;
N-(3-(1-(2-cyanoethyl)-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)-3-(difluoromethyl)benzamide;
N-(4-methyl-3-(1-((3-methyloxetan-3-yl)methyl)-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-((3-methyloxetan-3-yl)methyl)-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
4-methoxy-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethoxy)benzamide;
2-(1,1-difluoropropyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;

3-ethoxy-4-fluoro-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)benzamide;
3-isopropoxy-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)benzamide;
2-chloro-3-(1-cyanocyclopropyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)benzamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)benzamide;
2-isopropyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(1,3,4-oxadiazol-2-yl)benzamide;
2-(2-hydroxypropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(2-(methylsulfonyl)propan-2-yl)benzamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(oxetan-3-yl)benzamide;
2-ethyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
2-cyclopropyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-2-(oxetan-3-yl)isonicotinamide;
2-(1-cyanocyclopropyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
2-(difluoromethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
3-(cyanomethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)benzamide;

6-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)pyridazine-4-carboxamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
6-cyclopropyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)pyridazine-4-carboxamide;
6-(2-fluoropropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)pyridazine-4-carboxamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-4-(trifluoromethyl)picolinamide;
1-ethyl-3-methyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-1H-pyrazole-4-carboxamide;
1,3-dimethyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-1H-pyrazole-4-carboxamide;
1-isopropyl-3-methyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-1H-pyrazole-4-carboxamide;
3-cyclopropyl-1-methyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-1H-pyrazole-5-carboxamide;
1-methyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)-1H-pyrazole-5-carboxamide;
5-isopropyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isoxazole-3-carboxamide;
5-cyclopropyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isoxazole-3-carboxamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-1-ethyl-3-methyl-1H-pyrazole-4-carboxamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-1,3-dimethyl-1H-pyrazole-4-carboxamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-1-isopropyl-3-methyl-1H-pyrazole-4-carboxamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-1,3-dimethyl-1H-pyrazole-5-carboxamide;

3-cyclopropyl-N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-1-methyl-1H-pyrazole-5-carboxamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-5-isopropylisoxazole-3-carboxamide;
5-cyclopropyl-N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)isoxazole-3-carboxamide;
1,3-dimethyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-1H-pyrazole-5-carboxamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-1-methyl-3-(trifluoromethyl)-1H-pyrazole-5-carboxamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-2,5-dimethyloxazole-4-carboxamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-2,5-dimethyloxazole-4-carboxamide;
racemic trans-1,3-dimethyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-1H-pyrazole-5-carboxamide;
racemic cis-1,3-dimethyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-1H-pyrazole-5-carboxamide;
(R)-N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-2-(tetrahydrofuran-2-yl)acetamide;
(S)-N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-2-(tetrahydrofuran-2-yl)acetamide;
3-(2-cyanopropan-2-yl)-N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)benzamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)isonicotinamide;
2-(difluoromethyl)-N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)isonicotinamide;
3-(1,1-difluoroethyl)-N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)benzamide;

3-(difluoromethyl)-N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)benzamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-ethoxy-4-fluorobenzamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-4-fluoro-3-isopropoxybenzamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-ethoxybenzamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-isopropoxybenzamide;
2-(tert-butyl)-N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-2-isopropylisonicotinamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-((dimethylamino)methyl)-5-(trifluoromethyl)benzamide;
N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-(4-ethylpiperazin-1-yl)-5-(trifluoromethyl)benzamide;
2-chloro-3-(1-cyanocyclopropyl)-N-(1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)benzamide;
N-(2-chloro-1'-methyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
N-(2-chloro-1'-methyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-2-(1,1-difluoroethyl)isonicotinamide;
N-(2-chloro-1'-methyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-(difluoromethyl)benzamide;
N-(2-chloro-1'-methyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(2-chloro-1'-methyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-4-methoxy-3-(trifluoromethyl)benzamide;
N-(4-chloro-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;

N-(4-chloro-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-cyano-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-chloro-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(difluoromethyl)benzamide;
N-(4-chloro-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-2-(trifluoromethyl)isonicotinamide;
N-(4-chloro-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-2-(1,1-difluoroethyl)isonicotinamide;
N-(4-cyano-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-2-(trifluoromethyl)isonicotinamide;
N-(4-cyano-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-2-(1,1-difluoroethyl)isonicotinamide;
3-(difluoromethyl)-N-(4-fluoro-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)benzamide;
N-(4-cyano-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-2-(trifluoromethyl)isonicotinamide;
N-(4-cyano-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-2-(trifluoromethyl)isonicotinamide;
N-(4-cyano-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(difluoromethyl)benzamide;
N-(4-chloro-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-2-isopropylisonicotinamide;
N-(2-chloro-1'-methyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-2-isopropylisonicotinamide;
2-chloro-1'-methyl-5'-morpholino-6'-oxo-N-(3-(trifluoromethyl)phenyl)-1',6'-dihydro-[3,3'-bipyridine]-5-carboxamide;
2-chloro-N-(3-(2-hydroxypropan-2-yl)phenyl)-1'-methyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridine]-5-carboxamide;
4-chloro-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-N-(3-(trifluoromethyl)phenyl)benzamide;

4-chloro-N-(3-(difluoromethyl)phenyl)-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)benzamide;
4-chloro-N-(3-(2-cyanopropan-2-yl)phenyl)-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)benzamide;
4-methyl-N-(3-(4-methyl-1H-imidazol-1-yl)-5-(trifluoromethyl)phenyl)-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)benzamide;
4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-N-phenylbenzamide;
N-(3-(difluoromethyl)phenyl)-4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)benzamide;
N-(3-(2-cyanopropan-2-yl)phenyl)-4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)benzamide;
4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-N-(pyridin-2-yl)benzamide;
4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-N-(pyridin-3-yl)benzamide;
4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-N-(4-(trifluoromethyl)pyridin-2-yl)benzamide;
N-(3-ethylphenyl)-4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)benzamide;
N-(3-isopropylphenyl)-4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)benzamide;
N-(3-(1,3,4-oxadiazol-2-yl)phenyl)-4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)benzamide;
4-methyl-N-(3-(5-methyl-1,2,4-oxadiazol-3-yl)phenyl)-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)benzamide;
N-(3-(2-hydroxypropan-2-yl)phenyl)-4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)benzamide;
N-(3-methoxyphenyl)-4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)benzamide;
4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)-N-(3-(trifluoromethoxy)phenyl)benzamide;

N-(5-methoxypyridin-3-yl)-4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)benzamide;
1',2-dimethyl-5'-morpholino-6'-oxo-N-(3-(trifluoromethyl)phenyl)-1',6'-dihydro-[3,3'-bipyridine]-5-carboxamide;
N-(3-(2-cyanopropan-2-yl)phenyl)-1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridine]-5-carboxamide;
N-(3-(difluoromethyl)phenyl)-1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridine]-5-carboxamide;
N-(3-(2-hydroxypropan-2-yl)phenyl)-1',2-dimethyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridine]-5-carboxamide;
N-(4-methyl-3-(1-methyl-6-oxo-5-(3-oxomorpholino)-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
2-(dimethylamino)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
2-(ethyl(methyl)amino)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
2-(azetidin-1-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
2-((2-methoxyethyl)(methyl)amino)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
2-((2-hydroxyethyl)(methyl)amino)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
2-(methyl(2-(methylamino)ethyl)amino)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)isonicotinamide;
4-(1,2-dihydroxyethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
4-(1,2-dihydroxyethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
4-(hydroxymethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
4-(2-aminoethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;

N-(3-(5-(6-oxa-3-azabicyclo[3.1.1]heptan-3-yl)-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(5-(6-oxa-3-azabicyclo[3.1.1]heptan-3-yl)-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-4-methylphenyl)-2-(2-cyanopropan-2-yl)isonicotinamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-4-((methylamino)methyl)-3-(trifluoromethyl)benzamide;
N-(4-(aminomethyl)-3-(trifluoromethyl)phenyl)-4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)benzamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-3-((methylamino)methyl)-5-(trifluoromethyl)benzamide;
3-(hydroxymethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-5-(trifluoromethyl)benzamide;
3-(aminomethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-5-(trifluoromethyl)benzamide;
2-(1,1-difluoroethyl)-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)isonicotinamide;
2-(tert-butyl)-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)benzamide;
N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)-2-(methylsulfonyl)isonicotinamide;
2-(1,1-difluoropropyl)-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)isonicotinamide;
2-ethyl-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)isonicotinamide;
2-cyclopropyl-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)-2-(oxetan-3-yl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)isonicotinamide;

2-(1-cyanocyclopropyl)-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)isonicotinamide;
1-ethyl-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)-6-oxo-5-(trifluoromethyl)-1,6-dihydropyridine-3-carboxamide;
2-isopropyl-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)isonicotinamide;
2-(2-hydroxypropan-2-yl)-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)isonicotinamide;
3-(difluoromethyl)-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)benzamide;
N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)-2-(trifluoromethyl)isonicotinamide;
2-(difluoromethyl)-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)isonicotinamide
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)-3-(methylsulfonyl)benzamide;
6-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)pyridazine-4-carboxamide;
3-(4-ethylpiperazin-1-yl)-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)-5-(trifluoromethyl)benzamide;
3-fluoro-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)-5-morpholinobenzamide;
N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)-3-(oxetan-3-yl)benzamide;
N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)-3-(1,3,4-oxadiazol-2-yl)benzamide;
N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)-3-(2-(methylsulfonyl)propan-2-yl)benzamide;
N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;

6-cyclopropyl-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)pyridazine-4-carboxamide;
3-((dimethylamino)methyl)-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)-5-(trifluoromethyl)benzamide;
N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)-2-(2-hydroxypropan-2-yl)isonicotinamide;
N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)-1-ethyl-6-oxo-5-(trifluoromethyl)-1,6-dihydropyridine-3-carboxamide;
N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)benzamide;
N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)-2-(methylsulfonyl)isonicotinamide;
N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)-2-isopropylisonicotinamide;
3-(difluoromethyl)-N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)benzamide;
2-(tert-butyl)-N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-(difluoromethyl)-N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)-3-(methylsulfonyl)benzamide;
2-(1,1-difluoroethyl)-N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-cyclopropyl-N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(1',2-dimethyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)-3-(2-(methylsulfonyl)propan-2-yl)benzamide;

N-(2-chloro-1'-methyl-6'-morpholino-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)-2-(1,1-difluoroethyl)isonicotinamide;
N-(3-(difluoromethyl)phenyl)-4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)benzamide;
N-(3-(2-cyanopropan-2-yl)phenyl)-4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)benzamide;
N-(3-(2-hydroxypropan-2-yl)phenyl)-4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)benzamide;
4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)-N-(3-(trifluoromethyl)phenyl)benzamide;
4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)-N-phenylbenzamide;
2-(1,1-difluoroethyl)-N-(3-(1-ethyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)-4-methylphenyl)isonicotinamide;
2-(1,1-difluoropropyl)-N-(3-(1-ethyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)-4-methylphenyl)isonicotinamide;
N-(3-(1-ethyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)-4-methylphenyl)-2-(2-fluoropropan-2-yl)isonicotinamide;
N-(3-(1-ethyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)-4-methylphenyl)-2-isopropylisonicotinamide;
(R)-2-(1,1-difluoroethyl)-N-(4-methyl-3-(1-methyl-6-(3-methylmorpholino)-2-oxo-1,2-dihydropyridin-4-yl)phenyl)isonicotinamide;
(R)-2-(1,1-difluoroethyl)-N-(1',2-dimethyl-6'-(3-methylmorpholino)-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)isonicotinamide;
(S)-2-(1,1-difluoroethyl)-N-(4-methyl-3-(1-methyl-6-(3-methylmorpholino)-2-oxo-1,2-dihydropyridin-4-yl)phenyl)isonicotinamide;
(S)-2-(1,1-difluoroethyl)-N-(1',2-dimethyl-6'-(3-methylmorpholino)-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(3-(6-(3-oxa-8-azabicyclo[3.2.1]octan-8-yl)-1-methyl-2-oxo-1,2-dihydropyridin-4-yl)-4-methylphenyl)-2-(1,1-difluoroethyl)isonicotinamide;
N-(6'-(3-oxa-8-azabicyclo[3.2.1]octan-8-yl)-2-chloro-1'-methyl-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)-2-(1,1-difluoroethyl)isonicotinamide;

(R)-2-(1,1-difluoroethyl)-N-(6'-(2-(hydroxymethyl)morpholino)-1',2-dimethyl-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)isonicotinamide;
(S)-2-(1,1-difluoroethyl)-N-(6'-(2-(hydroxymethyl)morpholino)-1',2-dimethyl-2'-oxo-1',2'-dihydro-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(6-morpholinopyrazin-2-yl)phenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(6-methyl-5-(6-morpholinopyrazin-2-yl)pyridin-3-yl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(6-methyl-5-(6-morpholinopyrazin-2-yl)pyridin-3-yl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(6-methyl-5-(6-morpholinopyrazin-2-yl)pyridin-3-yl)isonicotinamide;
2-(difluoromethyl)-N-(6-methyl-5-(6-morpholinopyrazin-2-yl)pyridin-3-yl)isonicotinamide;
N-(6-methyl-5-(6-morpholinopyrazin-2-yl)pyridin-3-yl)-2-(trifluoromethyl)isonicotinamide;
2-(1,1-difluoropropyl)-N-(6-methyl-5-(6-morpholinopyrazin-2-yl)pyridin-3-yl)isonicotinamide;
N-(3-(5-ethoxy-6-morpholinopyrazin-2-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(5-(5-ethoxy-6-morpholinopyrazin-2-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(5-(5-methoxy-6-morpholinopyrazin-2-yl)-6-methylpyridin-3-yl)isonicotinamide;
2-(1-cyanocyclopropyl)-N-(5-(5-methoxy-6-morpholinopyrazin-2-yl)-6-methylpyridin-3-yl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(5-(5-methoxy-6-morpholinopyrazin-2-yl)-6-methylpyridin-3-yl)isonicotinamide;
3-((dimethylamino)methyl)-N-(5-(5-methoxy-6-morpholinopyrazin-2-yl)-6-methylpyridin-3-yl)-5-(trifluoromethyl)benzamide;
2-(2-fluoropropan-2-yl)-N-(5-(5-methoxy-6-morpholinopyrazin-2-yl)-6-methylpyridin-3-yl)isonicotinamide;

2-(2-cyanopropan-2-yl)-N-(5-(5-ethoxy-6-morpholinopyrazin-2-yl)-6-methylpyridin-3-yl)isonicotinamide;
N-(5-(5-ethoxy-6-morpholinopyrazin-2-yl)-6-methylpyridin-3-yl)-2-(trifluoromethyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(5-(5-ethoxy-6-morpholinopyrazin-2-yl)-6-methylpyridin-3-yl)isonicotinamide;
N-(5-(5-ethoxy-6-morpholinopyrazin-2-yl)-6-methylpyridin-3-yl)-2-(2-fluoropropan-2-yl)isonicotinamide;
N-(5-(5-ethoxy-6-morpholinopyrazin-2-yl)-6-methylpyridin-3-yl)-4-(trifluoromethyl)picolinamide;
3-((dimethylamino)methyl)-N-(5-(5-ethoxy-6-morpholinopyrazin-2-yl)-6-methylpyridin-3-yl)-5-(trifluoromethyl)benzamide;
N-(3-(5-methoxy-6-morpholinopyrazin-2-yl)-4-methylphenyl)-2-(methylsulfonyl)isonicotinamide;
N-(3-(6-methoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(3-(6-methoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
2-(1,1-difluoropropyl)-N-(3-(6-methoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
2-cyclopropyl-N-(3-(6-methoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
N-(3-(6-methoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
2-(2-fluoropropan-2-yl)-N-(3-(6-methoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
N-(3-(6-methoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)-3-(methylsulfonyl)benzamide;
N-(3-(6-methoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
2-(2-fluoropropan-2-yl)-N-(3-(6-methoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;

2-(2-hydroxypropan-2-yl)-N-(3-(6-methoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
6-(2-cyanopropan-2-yl)-N-(3-(6-methoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)pyridazine-4-carboxamide;
2-(2-cyanopropan-2-yl)-N-(3-(6-methoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)-3-(methylsulfonyl)benzamide;
2-(1,1-difluoropropyl)-N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
3-(difluoromethyl)-N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)benzamide;
2-(difluoromethyl)-N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
2-cyclopropyl-N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)-2-(2-fluoropropan-2-yl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
6-(2-cyanopropan-2-yl)-N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)pyridazine-4-carboxamide;
2-(1-cyanocyclopropyl)-N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)-2-(2-hydroxypropan-2-yl)isonicotinamide;
N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
(S)-N-(5-(6-ethoxy-5-(3-methylmorpholino)pyridazin-3-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl)benzamide;

(S)-2-(2-cyanopropan-2-yl)-N-(3-(6-ethoxy-5-(3-methylmorpholino)pyridazin-3-yl)-4-methylphenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)-4-((methylamino)methyl)-3-(trifluoromethyl)benzamide;
N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)-4-((ethylamino)methyl)-3-(trifluoromethyl)benzamide;
4-((dimethylamino)methyl)-N-(3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)phenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
2-(2-fluoropropan-2-yl)-N-(4-methyl-3-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)phenyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(4-methyl-3-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)phenyl)-4-(trifluoromethyl)picolinamide;
2-(2-hydroxypropan-2-yl)-N-(4-methyl-3-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)phenyl)-2-(methylsulfonyl)isonicotinamide;
6-(2-cyanopropan-2-yl)-N-(4-methyl-3-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)phenyl)pyridazine-4-carboxamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)phenyl)isonicotinamide;
N-(3-(6-(2-hydroxyethoxy)-5-morpholinopyridazin-3-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
N-(3-(6-(2-hydroxyethoxy)-5-morpholinopyridazin-3-yl)-4-methylphenyl)-4-(trifluoromethyl)picolinamide;
2-(1,1-difluoroethyl)-N-(3-(6-(2-hydroxyethoxy)-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;

2-(2-fluoropropan-2-yl)-N-(3-(6-(2-hydroxyethoxy)-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
2-(1,1-difluoropropyl)-N-(3-(6-(2-hydroxyethoxy)-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
N-(3-(6-(2-hydroxyethoxy)-5-morpholinopyridazin-3-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(3-(6-(2-hydroxyethoxy)-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(3-(6-isopropoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
2-(difluoromethyl)-N-(3-(6-isopropoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
N-(3-(6-isopropoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)-4-(trifluoromethyl)picolinamide;
2-(2-fluoropropan-2-yl)-N-(3-(6-isopropoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(6-isopropoxy-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(3-(6-(2-methoxyethoxy)-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
2-(difluoromethyl)-N-(3-(6-(2-methoxyethoxy)-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
N-(3-(6-(2-methoxyethoxy)-5-morpholinopyridazin-3-yl)-4-methylphenyl)-4-(trifluoromethyl)picolinamide;
2-(2-fluoropropan-2-yl)-N-(3-(6-(2-methoxyethoxy)-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(6-(2-methoxyethoxy)-5-morpholinopyridazin-3-yl)-4-methylphenyl)isonicotinamide;
N-(4-methyl-3-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)phenyl)-3-(trifluoromethyl)benzamide;
2-(1,1-difluoroethyl)-N-(5-(6-methoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)isonicotinamide;

3-(difluoromethyl)-N-(5-(6-methoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)benzamide;
N-(5-(6-methoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-2-(trifluoromethyl)isonicotinamide;
2-cyclopropyl-N-(5-(6-methoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)isonicotinamide;
2-(1,1-difluoropropyl)-N-(5-(6-methoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(5-(6-methoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)isonicotinamide;
N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl)benzamide**;**
N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-2-(2-fluoropropan-2-yl)isonicotinamide**;**
N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-4-(trifluoromethyl)picolinamide;
2-cyclopropyl-N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)isonicotinamide;
N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-2-(methylsulfonyl)isonicotinamide;
N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-2-(trifluoromethyl)isonicotinamide;
2-(1,1-difluoropropyl)-N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)isonicotinamide;
N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-3-(methylsulfonyl)benzamide;
3-(difluoromethyl)-N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)benzamide;

2-(1,1-difluoroethyl)-N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)isonicotinamide;
N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-2-isopropylisonicotinamide;
(R)-N-(5-(6-ethoxy-5-(3-methylmorpholino)pyridazin-3-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl)benzamide;
(R)-2-(2-cyanopropan-2-yl)-N-(5-(6-ethoxy-5-(3-methylmorpholino)pyridazin-3-yl)-6-methylpyridin-3-yl)isonicotinamide;
(R)-2-(2-cyanopropan-2-yl)-N-(3-(6-ethoxy-5-(3-methylmorpholino)pyridazin-3-yl)-4-methylphenyl)isonicotinamide;
N-(5-(5-(2-(1H-imidazol-2-yl)morpholino)-6-ethoxypyridazin-3-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-4-((methylamino)methyl)-3-(trifluoromethyl)benzamide;
N-(5-(6-ethoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-4-(hydroxymethyl)-3-(trifluoromethyl)benzamide;
2-(1,1-difluoroethyl)-N-(6-methyl-5-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)pyridin-3-yl)isonicotinamide;
N-(6-methyl-5-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)pyridin-3-yl)-4-(trifluoromethyl)picolinamide;
2-(2-fluoropropan-2-yl)-N-(6-methyl-5-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)pyridin-3-yl)isonicotinamide;
N-(6-methyl-5-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)pyridin-3-yl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
N-(6-methyl-5-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)pyridin-3-yl)-2-(methylsulfonyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(6-methyl-5-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)pyridin-3-yl)isonicotinamide;
2-(2-hydroxypropan-2-yl)-N-(6-methyl-5-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)pyridin-3-yl)isonicotinamide;
6-(2-cyanopropan-2-yl)-N-(6-methyl-5-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)pyridin-3-yl)pyridazine-4-carboxamide;

N-(6-methyl-5-(5-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridazin-3-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)-3-(2-(methylsulfonyl)propan-2-yl)benzamide;
2-(2-hydroxypropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)-3-(1,3,4-oxadiazol-2-yl)benzamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
1-ethyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)-6-oxo-5-(trifluoromethyl)-1,6-dihydropyridine-3-carboxamide;
2-ethyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
2-(1,1-difluoropropyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
6-cyclopropyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)pyridazine-4-carboxamide;
2-(2-cyanopropan-2-yl)-N-(6-methyl-5-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)pyridin-3-yl)isonicotinamide;
6-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)pyridazine-4-carboxamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)-2-(oxetan-3-yl)isonicotinamide;
3-(4-ethylpiperazin-1-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)-5-(trifluoromethyl)benzamide;
2-(difluoromethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
N-(6-methyl-5-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;

3-(cyanomethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)benzamide;
4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)-N-(3-(trifluoromethyl)phenyl)benzamide;
2-(2-fluoropropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
3-(difluoromethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)benzamide;
2-cyclopropyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)-2-(trifluoromethyl)isonicotinamide;
2-(1-cyanocyclopropyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
2-isopropyl-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
3-((dimethylamino)methyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)-5-(trifluoromethyl)benzamide;
(S)-2-(2-fluoropropan-2-yl)-N-(4-methyl-3-(1-methyl-5-(3-methylmorpholino)-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
(S)-2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-5-(3-methylmorpholino)-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
(S)-2-(1,1-difluoroethyl)-N-(4-methyl-3-(1-methyl-5-(3-methylmorpholino)-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
N-(3-(5-(2,2-dimethylmorpholino)-1-methyl-6-oxo-1,6-dihydropyridazin-3-yl)-4-methylphenyl)-2-(2-fluoropropan-2-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(5-(2,2-dimethylmorpholino)-1-methyl-6-oxo-1,6-dihydropyridazin-3-yl)-4-methylphenyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(3-(5-(2,2-dimethylmorpholino)-1-methyl-6-oxo-1,6-dihydropyridazin-3-yl)-4-methylphenyl)isonicotinamide;

N-(3-(5-(3-oxa-8-azabicyclo[3.2.1]octan-8-yl)-1-methyl-6-oxo-1,6-dihydropyridazin-3-yl)-4-methylphenyl)-2-(2-fluoropropan-2-yl)isonicotinamide;
N-(3-(5-(3-oxa-8-azabicyclo[3.2.1]octan-8-yl)-1-methyl-6-oxo-1,6-dihydropyridazin-3-yl)-4-methylphenyl)-2-(2-cyanopropan-2-yl)isonicotinamide;
N-(3-(5-(3-oxa-8-azabicyclo[3.2.1]octan-8-yl)-1-methyl-6-oxo-1,6-dihydropyridazin-3-yl)-4-methylphenyl)-2-(1,1-difluoroethyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(5-(3,3-dimethylmorpholino)-1-methyl-6-oxo-1,6-dihydropyridazin-3-yl)-4-methylphenyl)isonicotinamide;
(R)-2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-5-(3-methylmorpholino)-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
(R)-2-(2-fluoropropan-2-yl)-N-(4-methyl-3-(1-methyl-5-(3-methylmorpholino)-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
(R)-2-(1,1-difluoroethyl)-N-(4-methyl-3-(1-methyl-5-(3-methylmorpholino)-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-6-oxo-5-(tetrahydro-2H-pyran-4-yl)-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(4-methyl-3-(1-methyl-6-oxo-5-(tetrahydro-2H-pyran-4-yl)-1,6-dihydropyridazin-3-yl)phenyl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(6-methyl-5-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)pyridin-3-yl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(6-methyl-5-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)pyridin-3-yl)isonicotinamide;
2-(1,1-difluoropropyl)-N-(6-methyl-5-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)pyridin-3-yl)isonicotinamide;
2-(difluoromethyl)-N-(6-methyl-5-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)pyridin-3-yl)isonicotinamide;
3-(difluoromethyl)-N-(6-methyl-5-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)pyridin-3-yl)benzamide;
2-cyclopropyl-N-(6-methyl-5-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)pyridin-3-yl)isonicotinamide;
2-(1-cyanocyclopropyl)-N-(6-methyl-5-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)pyridin-3-yl)isonicotinamide;

N-(5-(4-cyano-3-morpholinophenyl)-6-methylpyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(5-(4-cyano-3-morpholinophenyl)-6-methylpyridin-3-yl)-3-((dimethylamino)methyl)-5-(trifluoromethyl)benzamide;
N-(5-(4-cyano-3-morpholinophenyl)-6-methylpyridin-3-yl)-2-isopropylisonicotinamide;
N-(6-methyl-5-(4-(methylsulfonyl)-3-morpholinophenyl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(3-(4-(3-oxa-8-azabicyclo[3.2.1]octan-8-yl)-1-methyl-6-oxo-1,6-dihydropyridin-2-yl)-4-methylphenyl)-2-(1,1-difluoroethyl)isonicotinamide;
N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)benzamide;
2-(tert-butyl)-N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)isonicotinamide;
3-(difluoromethyl)-N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)benzamide;
N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(1,3,4-oxadiazol-2-yl)benzamide;
N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-isopropylisonicotinamide;
3-(1,1-difluoroethyl)-N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)benzamide;
N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-(methylsulfonyl)isonicotinamide;
1-ethyl-N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-6-oxo-5-(trifluoromethyl)-1,6-dihydropyridine-3-carboxamide;
N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(methylsulfonyl)benzamide;
N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-(2-hydroxypropan-2-yl)isonicotinamide;

2-(1, 1-difluoropropyl)-N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl) isonicotinamide;
N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-(oxetan-3-yl)isonicotinamide;
2-(1-cyanocyclopropyl)-N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)isonicotinamide;
6-(2-cyanopropan-2-yl)-N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)pyridazine-4-carboxamide;
3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methyl-N-(3-(trifluoromethyl) phenyl) benzamide;
(R)-2-(2-cyanopropan-2-yl)-N-(3-(2-(ethylamino)-6-(3-methylmorpholino) pyrimidin-4-yl)-4-methylphenyl) isonicotinamide;
(R)-N-(3-(2-(ethylamino)-6-(3-methylmorpholino) pyrimidin-4-yl)-4-methylphenyl)-2-(2-hydroxypropan-2-yl) isonicotinamide;
(S)-N-(3-(2-(ethylamino)-6-(3-methylmorpholino) pyrimidin-4-yl)-4-methylphenyl)-2-(2-hydroxypropan-2-yl) isonicotinamide;
(S)-2-(2-cyanopropan-2-yl)-N-(3-(2-(ethylamino)-6-(3-methylmorpholino) pyrimidin-4-yl)-4-methylphenyl) isonicotinamide;
N-(5-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl) benzamide;
2-(2-cyanopropan-2-yl)-N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl) isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(5-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) isonicotinamide;
N-(3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-(trifluoromethyl) isonicotinamide;
1-ethyl-N-(5-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-6-oxo-5-(trifluoromethyl)-1, 6-dihydropyridine-3-carboxamide;
2-(difluoromethyl)-N-(5-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) isonicotinamide;
3-(difluoromethyl)-N-(5-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) benzamide;

N-(5-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-2-(2-hydroxypropan-2-yl) isonicotinamide;
2-(tert-butyl)-N-(5-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) isonicotinamide;
2-(1, 1-difluoroethyl)-N-(5-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) isonicotinamide;
3-(2-cyanopropan-2-yl)-N-(5-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) benzamide;
6-cyclopropyl-N-(5-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) pyridazine-4-carboxamide;
2-(1-cyanocyclopropyl)-N-(5-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) isonicotinamide;
N-(5-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-2-(oxetan-3-yl) isonicotinamide;
6-(2-cyanopropan-2-yl)-N-(5-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) pyridazine-4-carboxamide;
3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methyl-N-phenylbenzamide;
N-(3-(2-cyanopropan-2-yl) phenyl)-3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylbenzamide;
N-(3-(difluoromethyl) phenyl)-3-(2-(ethylamino)-6-morpholinopyrimidin-4-yl)-4-methylbenzamide;
2-(2-cyanopropan-2-yl)-N-(3-(2-((2-hydroxyethyl) amino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl) isonicotinamide;
N-(5-(2-((2-hydroxyethyl) amino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl) benzamide;
2-(2-cyanopropan-2-yl)-N-(5-(2-((2-hydroxyethyl) amino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) isonicotinamide;
6-(2-cyanopropan-2-yl)-N-(3-(2-((2-hydroxyethyl) amino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl) pyridazine-4-carboxamide;
(S)-2-(2-cyanopropan-2-yl)-N-(5-(2-((2-hydroxypropyl) amino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) isonicotinamide;
(S)-2-(2-cyanopropan-2-yl)-N-(3-(2-((2-hydroxypropyl) amino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl) isonicotinamide;

(S)-N-(5-(2-((2-hydroxypropyl) amino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl) benzamide;
(R)-2-(2-cyanopropan-2-yl)-N-(3-(2-((2-hydroxypropyl) amino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl) isonicotinamide;
(R)-2-(2-cyanopropan-2-yl)-N-(5-(2-((2-hydroxypropyl) amino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)isonicotinamide;
(R)-N-(5-(2-((2-hydroxypropyl) amino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl) benzamide;
(S)-2-(2-cyanopropan-2-yl)-N-(5-(2-((1-hydroxypropan-2-yl) amino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) isonicotinamide;
(S)-N-(5-(2-((1-hydroxypropan-2-yl) amino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl) benzamide;
(S)-2-(2-cyanopropan-2-yl)-N-(3-(2-((1-hydroxypropan-2-yl) amino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl) isonicotinamide;
(R)-2-(2-cyanopropan-2-yl)-N-(5-(2-((1-hydroxypropan-2-yl) amino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) isonicotinamide;
(R)-N-(5-(2-((1-hydroxypropan-2-yl) amino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl) benzamide;
(R)-2-(2-cyanopropan-2-yl)-N-(3-(2-((1-hydroxypropan-2-yl) amino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl) isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(5-(2-((1-hydroxy-2-methylpropan-2-yl) amino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(2-((1-hydroxy-2-methylpropan-2-yl) amino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl) isonicotinamide;
N-(5-(2-((1-hydroxy-2-methylpropan-2-yl)amino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(5-(2-((4-(hydroxymethyl) tetrahydro-2H-pyran-4-yl) amino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(2-((4-(hydroxymethyl) tetrahydro-2H-pyran-4-yl) amino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl) isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(2-(dimethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)isonicotinamide;

2-(1,1-difluoroethyl)-N-(3-(2-(dimethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)isonicotinamide;
N-(3-(2-(dimethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-isopropylisonicotinamide
N-(3-(2-(dimethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
N-(3-(2-(dimethylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-(methylsulfonyl)isonicotinamide;
N-(5-(2-(dimethylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl)benzamide;
2-(1, 1-difluoroethyl)-N-(3-(2-ethoxy-6-morpholinopyrimidin-4-yl)-4-methylphenyl) isonicotinamide;
N-(3-(2-ethoxy-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-(trifluoromethyl) isonicotinamide;
N-(3-(2-ethoxy-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-isopropylisonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(2-ethoxy-6-morpholinopyrimidin-4-yl)-4-methylphenyl) isonicotinamide;
N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-3-(trifluoromethyl) benzamide;
3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyrimidin-4-yl)-4-methyl-N-(3-(trifluoromethyl) phenyl) benzamide;
2-(2-cyanopropan-2-yl)-N-(5-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) isonicotinamide;
N-(5-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(5-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl) benzamide;
3-(difluoromethyl)-N-(5-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl) benzamide;
N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-isopropylisonicotinamide;

2-(1, 1-difluoroethyl)-N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyrimidin-4-yl)-4-methylphenyl) isonicotinamide;
N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-(trifluoromethyl) isonicotinamide;
N-(5-(2-(4-ethylpiperazin-1-yl)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl) benzamide;
N-(6-methyl-5-(6-morpholino-2-(piperazin-1-yl) pyrimidin-4-yl) pyridin-3-yl)-3-(trifluoromethyl) benzamide;
N-(5-(2-(azetidin-3-yloxy)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl) benzamide;
N-(3-(2-(azetidin-3-yloxy)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-(2-cyanopropan-2-yl) isonicotinamide;
N-(3-(2-(azetidin-3-yloxy)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-isopropylisonicotinamide;
N-(3-(2-(azetidin-3-yloxy)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-(1,1-difluoroethyl)isonicotinamide;
N-(3-(2-(azetidin-3-yloxy)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-(trifluoromethyl) isonicotinamide;
(S)-N-(6-methyl-5-(2-(4-methyl-2-oxooxazolidin-3-yl)-6-morpholinopyrimidin-4-yl) pyridin-3-yl)-3-(trifluoromethyl) benzamide;
(S)-2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(2-(4-methyl-2-oxooxazolidin-3-yl)-6-morpholinopyrimidin-4-yl) phenyl) isonicotinamide;
(S)-N-(4-methyl-3-(2-(4-methyl-2-oxooxazolidin-3-yl)-6-morpholinopyrimidin-4-yl) phenyl)-3-(trifluoromethyl) benzamide;
(S)-2-(2-cyanopropan-2-yl)-N-(6-methyl-5-(2-(4-methyl-2-oxooxazolidin-3-yl)-6-morpholinopyrimidin-4-yl) pyridin-3-yl) isonicotinamide;
(S)-2-(difluoromethyl)-N-(4-methyl-3-(2-(4-methyl-2-oxooxazolidin-3-yl)-6-morpholinopyrimidin-4-yl)phenyl)isonicotinamide;
N-(3-(2-(azetidin-3-ylamino)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-(2-cyanopropan-2-yl) isonicotinamide;
N-(5-(2-(azetidin-3-ylamino)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl) benzamide;

N-(5-(2-(2-hydroxypropan-2-yl)-6-morpholinopyrimidin-4-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(3-(2-(2-hydroxypropan-2-yl)-6-morpholinopyrimidin-4-yl)-4-methylphenyl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(6-methyl-5-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)pyridin-3-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(6-methyl-5-(7-morpholinopyrazolo [1,5-a]pyrimidin-5-yl)pyridin-3-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)phenyl)isonicotinamide;
N-(6-methyl-5-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
2-(2-hydroxypropan-2-yl)-N-(4-methyl-3-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)phenyl)isonicotinamide;
6-(2-cyanopropan-2-yl)-N-(4-methyl-3-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)phenyl)pyridazine-4-carboxamide;
2-(1-cyanocyclopropyl)-N-(4-methyl-3-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)phenyl)isonicotinamide;
2-(2-hydroxypropan-2-yl)-N-(6-methyl-5-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)pyridin-3-yl)isonicotinamide;
N-(6-methyl-5-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)pyridin-3-yl)-2-(trifluoromethyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(6-methyl-5-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)pyridin-3-yl)isonicotinamide;
2-(1,1-difluoropropyl)-N-(6-methyl-5-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)pyridin-3-yl)isonicotinamide;
N-(6-methyl-5-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)pyridin-3-yl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
2-(1-cyanocyclopropyl)-N-(6-methyl-5-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)pyridin-3-yl)isonicotinamide;
2-(difluoromethyl)-N-(6-methyl-5-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)pyridin-3-yl)isonicotinamide;

3-(difluoromethyl)-N-(6-methyl-5-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)pyridin-3-yl)benzamide;
2-(difluoromethyl)-N-(4-methyl-3-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)phenyl)-2-(methylsulfonyl)isonicotinamide;
N-(6-methyl-5-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)pyridin-3-yl)-2-(methylsulfonyl)isonicotinamide;
6-(2-cyanopropan-2-yl)-N-(6-methyl-5-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)pyridin-3-yl)pyridazine-4-carboxamide;
N-(6-methyl-5-(7-morpholinopyrazolo[1,5-a]pyrimidin-5-yl)pyridin-3-yl)-4-(trifluoromethyl)picolinamide;
(R)-N-(4-methyl-3-(4-(3-methylmorpholino)-1H-imidazo[4,5-c]pyridin-6-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(4-morpholino-1H-imidazo[4,5-c]pyridin-6-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(4-morpholino-1H-imidazo[4,5-c]pyridin-6-yl)phenyl)-3-(methylsulfonyl)benzamide;
1-ethyl-3-methyl-N-(4-methyl-3-(4-morpholino-1H-imidazo[4,5-c]pyridin-6-yl)phenyl)-1H-pyrazole-4-carboxamide;
1,3-dimethyl-N-(4-methyl-3-(4-morpholino-1H-imidazo[4,5-c]pyridin-6-yl)phenyl)-1H-pyrazole-4-carboxamide;
1-isopropyl-3-methyl-N-(4-methyl-3-(4-morpholino-1H-imidazo[4,5-c]pyridin-6-yl)phenyl)-1H-pyrazole-4-carboxamide;
1,3-dimethyl-N-(4-methyl-3-(4-morpholino-1H-imidazo[4,5-c]pyridin-6-yl)phenyl)-1H-pyrazole-5-carboxamide;
3-cyclopropyl-1-methyl-N-(4-methyl-3-(4-morpholino-1H-imidazo[4,5-c]pyridin-6-yl)phenyl)-1H-pyrazole-5-carboxamide;
5-cyclopropyl-N-(4-methyl-3-(4-morpholino-1H-imidazo[4,5-c]pyridin-6-yl)phenyl)isoxazole-3-carboxamide;
N-(4-methyl-3-(4-morpholino-1H-imidazo[4,5-c]pyridin-6-yl)phenyl)-2-(methylsulfonyl)isonicotinamide;

N-(4-methyl-3-(4-morpholino-1H-imidazo[4,5-c]pyridin-6-yl)phenyl)-3-(1,3,4-oxadiazol-2-yl)benzamide;
2-(2-hydroxypropan-2-yl)-N-(4-methyl-3-(4-morpholino-1H-imidazo[4,5-c]pyridin-6-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(8-morpholinoimidazo[1,2-a]pyrazin-6-yl)phenyl)-3-(trifluoromethyl)benzamide;
(R)-N-(4-methyl-3-(8-(3-methylmorpholino)imidazo[1,2-a]pyrazin-6-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(5-morpholino-2-oxo-2,3-dihydrobenzo[d]oxazol-7-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(7-morpholino-2-oxo-2,3-dihydrobenzo[d]oxazol-5-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(5-morpholinoimidazo[1,2-c]pyrimidin-7-yl)phenyl)-3-(trifluoromethyl)benzamid;
N-(4-methyl-3-(4-morpholinothieno[3,2-d]pyrimidin-2-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(4-morpholino-5H-pyrrolo[3,2-d]pyrimidin-2-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)phenyl)-3-(trifluoromethyl)benzamide;
Synthesis of N-(5-(8-(2-(1H-imidazol-2-yl)morpholino)imidazo[1,2-b]pyridazin-6-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(4-morpholinopyrido[2,3-d]pyrimidin-2-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(4-morpholino-5,6,7,8-tetrahydropyrido[3,4-d]pyrimidin-2-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(4-morpholino-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidin-2-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(4-morpholino-6,7-dihydro-5H-pyrrolo[3,4-d]pyrimidin-2-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(1-methyl-7-morpholino-1H-pyrazolo[4,3-d]pyrimidin-5-yl)phenyl)-3-(trifluoromethyl)benzamide;

N-(4-methyl-3-(4-morpholinofuro[3,2-d]pyrimidin-2-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(7-morpholinothiazolo[5,4-d]pyrimidin-5-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(1-methyl-4-morpholino-1H-pyrazolo[3,4-d]pyrimidin-6-yl)phenyl)-3-(trifluoromethyl)benzamide;
2-(2-hydroxypropan-2-yl)-N-(4-methyl-3-(8 morpholinoimidazo[1,2-b]pyridazin-6-yl)phenyl)isonicotinamide;
2-isopropyl-N-(4-methyl-3-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)phenyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(4-methyl-3-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)phenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)phenyl)isonicotinamide;
2-(tert-butyl)-N-(4-methyl-3-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)phenyl)isonicotinamide;
3-(2-cyanopropan-2-yl)-N-(4-methyl-3-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)phenyl)benzamide;
3-(difluoromethyl)-N-(4-methyl-3-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)phenyl)benzamide;
N-(6-methyl-5-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)phenyl)-2-(trifluoromethyl)isonicotinamide;
2-(difluoromethyl)-N-(4-methyl-3-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)phenyl)-2-(methylsulfonyl)isonicotinamide;
N-(4-methyl-3-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)phenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
N-(4-methyl-3-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)phenyl)-4-((methylamino)methyl)-3-(trifluoromethyl)benzamide;

3-(difluoromethyl)-N-(4-methyl-3-(4-morpholino-5,5-dioxido-6,7-dihydrothieno[3,2-d]pyrimidin-2-yl)phenyl)benzamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(4-morpholino-5,5-dioxido-6,7-dihydrothieno[3,2-d]pyrimidin-2-yl)phenyl)isonicotinamide;
2-(difluoromethyl)-N-(4-methyl-3-(4-morpholino-5,5-dioxido-6,7-dihydrothieno[3,2-d]pyrimidin-2-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(4-morpholino-5,5-dioxido-6,7-dihydrothieno[3,2-d]pyrimidin-2-yl)phenyl)-3-(trifluoromethyl)benzamide;
(R)-2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(4-(3 methylmorpholino)-1H-imidazo[4,5-c]pyridin-6-yl)phenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)phenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(8-morpholinoimidazo[1,2-a]pyrazin-6-yl)phenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-7-morpholino-1H-pyrazolo[4,3-d]pyrimidin-5-yl)phenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(4-morpholinothieno[3,2-d]pyrimidin-2-yl)phenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(4-morpholino-5H-pyrrolo[3,2-d]pyrimidin-2-yl)phenyl)isonicotinamide;
tert-butyl 2-(5-(2-(2-cyanopropan-2-yl)isonicotinamido)-2-methylphenyl)-4-morpholino-7,8-dihydropyrido[4,3-d]pyrimidine-6(5H)-carboxylate;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(4-morpholino-5,6,7,8-tetrahydropyrido[3,4-d]pyrimidin-2-yl)phenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(4-morpholino-6,7-dihydro-5H-pyrrolo[3,4-d]pyrimidin-2-yl)phenyl)isonicotinamide;
N-(6-methyl-5-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(6-methyl-5-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)pyridin-3-yl)-4-(trifluoromethyl)picolinamide;
2-isopropyl-N-(6-methyl-5-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)pyridin-3-yl)isonicotinamide;

2-(2-hydroxypropan-2-yl)-N-(6-methyl-5-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)pyridin-3-yl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(6-methyl-5-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)pyridin-3-yl)isonicotinamide;
3-(difluoromethyl)-N-(6-methyl-5-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)pyridin-3-yl)benzamide;
4-(1,2-dihydroxyethyl)-N-(6-methyl-5-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
3-(difluoromethyl)-N-(4-methyl-3-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)phenyl)benzamide;
N-(6-methyl-5-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)pyridin-3-yl)-4-((methylamino)methyl)-3-(trifluoromethyl)benzamide;
N-(6-methyl-5-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)pyridin-3-yl)-4-(trifluoromethyl)picolinamide;
4-cyano-N-(6-methyl-5-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
2-(2-hydroxypropan-2-yl)-N-(6-methyl-5-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)pyridin-3-yl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(6-methyl-5-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)pyridin-3-yl)isonicotinamide;
3-(difluoromethyl)-N-(6-methyl-5-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)pyridin-3-yl)benzamide;
2-(2-cyanopropan-2-yl)-N-(6-methyl-5-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)pyridin-3-yl)isonicotinamide;
2-isopropyl-N-(6-methyl-5-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)pyridin-3-yl)isonicotinamide;
N-(6-methyl-5-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(6-methyl-5-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(6-methyl-5-(8-morpholinoimidazo[1,2-a]pyridin-6-yl)pyridin-3-yl)-4-((methylamino)methyl)-3-(trifluoromethyl)benzamide;

N-(6-methyl-5-(4-morpholino-6,6-dioxido-5,7-dihydrothieno[3,4-d]pyrimidin-2-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
2-methyl-3-(4-morpholino-6,6-dioxido-5,7-dihydrothieno[3,4-d]pyrimidin-2-yl)-5-(3-(trifluoromethyl)benzamido)pyridine 1-oxide;
4-methyl-3-(8-morpholinoimidazo[1,2-b]pyridazin-6-yl)-N-(3-(trifluoromethyl)phenyl)benzamide;
4-methyl-3-(4-morpholino-6,7-dihydro-5H-pyrrolo[3,4-d]pyrimidin-2-yl)-N-(3-(trifluoromethyl)phenyl)benzamide;
6-(1-cyanocyclopropyl)-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)pyridazine-4-carboxamide;
4-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)picolinamide;
N-(4-methyl-3-(1-methyl-6-morpholino-2-oxo-1,2-dihydropyridin-4-yl)phenyl)-5-(trifluoromethyl)nicotinamide;
6-(1-cyanocyclopropyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)pyridazine-4-carboxamide;
4-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)picolinamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-5-(trifluoromethyl)nicotinamide;
4-(1,1-difluoroethyl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)picolinamide;
4-(2-hydroxypropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)picolinamide;
4-(2-fluoropropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)picolinamide;
3-(2-aminopropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridin-3-yl)phenyl)-5-(trifluoromethyl)benzamide;
N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)-5-(trifluoromethyl)nicotinamide;
4-(2-cyanopropan-2-yl)-N-(4-methyl-3-(1-methyl-5-morpholino-6-oxo-1,6-dihydropyridazin-3-yl)phenyl)picolinamide;

2-(2-fluoropropan-2-yl)-N-(5-(6-isopropoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(5-(6-isopropoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)isonicotinamide;
2-(difluoromethyl)-N-(5-(6-isopropoxy-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)isonicotinamide;
N-(5-(6-(2,2-difluoroethoxy)-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-2-(1,1-difluoropropyl)isonicotinamide;
N-(5-(6-(2,2-difluoroethoxy)-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-2-(1,1-difluoroethyl)isonicotinamide;
N-(5-(6-(2,2-difluoroethoxy)-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-4-(trifluoromethyl)picolinamide;
N-(5-(6-(2,2-difluoroethoxy)-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-5-(trifluoromethyl)nicotinamide;
N-(5-(6-(2,2-difluoroethoxy)-5-morpholinopyridazin-3-yl)-6-methylpyridin-3-yl)-3-(trifluoromethyl)benzamide;
N-(6-methyl-5-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)pyridin-3-yl)-3-(trifluoromethyl)benzamide;
2-(1,1-difluoroethyl)-N-(6-methyl-5-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)pyridin-3-yl)isonicotinamide;
N-(6-methyl-5-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)pyridin-3-yl)-2-(trifluoromethyl)isonicotinamide;
N-(6-methyl-5-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)pyridin-3-yl)-4-(trifluoromethyl)picolinamide;
2-(2-cyanopropan-2-yl)-N-(6-methyl-5-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)pyridin-3-yl)isonicotinamide;
2-(1,1-difluoropropyl)-N-(6-methyl-5-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)pyridin-3-yl)isonicotinamide;
2-(1,1-difluoropropyl)-N-(4-methyl-3-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)phenyl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(6-methyl-5-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)pyridin-3-yl)isonicotinamide;

2-(2-fluoropropan-2-yl)-N-(4-methyl-3-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)phenyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(4-methyl-3-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)phenyl)-2-(trifluoromethyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)phenyl)isonicotinamide;
2-(2-hydroxypropan-2-yl)-N-(4-methyl-3-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)phenyl)isonicotinamide;
N-(4-methyl-3-(6-(methylsulfonyl)-5-morpholinopyridazin-3-yl)phenyl)-4-(trifluoromethyl)picolinamide;
N-(5-(6-methoxy-5-morpholinopyridin-3-yl)-6-methylpyridazin-3-yl)-3-(trifluoromethyl)benzamide;
N-(6'-(2,2-difluoroethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-5-(trifluoromethyl)nicotinamide;
6-(1-cyanocyclopropyl)-N-(6'-(2,2-difluoroethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)pyridazine-4-carboxamide;
N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)-3-(methylsulfonyl)benzamide;
2-(1,1-difluoroethyl)-N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)isonicotinamide;
2-(2-hydroxypropan-2-yl)-N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)isonicotinamide;
2-(1-cyanocyclopropyl)-N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)isonicotinamide;
2-cyclopropyl-N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)isonicotinamide;
N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)-4-(trifluoromethyl)picolinamide;
4-(2-cyanopropan-2-yl)-N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)picolinamide;

6-(1-cyanocyclopropyl)-N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)pyridazine-4-carboxamide;
2-(1,1-difluoroethyl)-N-(3-(6-isopropoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(3-(6-isopropoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)isonicotinamide;
2-(2-hydroxypropan-2-yl)-N-(3-(6-isopropoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)isonicotinamide;
4-(2-cyanopropan-2-yl)-N-(3-(6-isopropoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)picolinamide;
4-(2-hydroxypropan-2-yl)-N-(3-(6-isopropoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)picolinamide;
N-(3-(6-isopropoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)-2-(methylsulfonyl)isonicotinamide;
N-(3-(6-isopropoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)-5-(trifluoromethyl)nicotinamide;
2-(1,1-difluoroethyl)-N-(6'-isopropoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(6'-isopropoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(6'-isopropoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
2-(2-hydroxypropan-2-yl)-N-(6'-isopropoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
4-(1,1-difluoroethyl)-N-(6'-isopropoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)picolinamide;
4-(2-fluoropropan-2-yl)-N-(6'-isopropoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)picolinamide;
4-(2-cyanopropan-2-yl)-N-(6'-isopropoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)picolinamide;
4-(2-hydroxypropan-2-yl)-N-(6'-isopropoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)picolinamide;

N-(6'-isopropoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-5-(trifluoromethyl)nicotinamide;
3-(6-ethoxy-5-morpholinopyridin-3-yl)-N-(5-fluoro-2-(trifluoromethyl)pyridin-4-yl)-4-methylbenzamide;
6-(2-cyanopropan-2-yl)-N-(6'-(2,2-difluoroethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)pyridazine-4-carboxamide;
N-(6'-(2-oxaspiro[3.3]heptan-6-yloxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(2-fluoropropan-2-yl)isonicotinamide;
N-(6'-(2-oxaspiro[3.3]heptan-6-yloxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(2-hydroxypropan-2-yl)isonicotinamide;
N-(6'-(2-oxaspiro[3.3]heptan-6-yloxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(difluoromethyl)isonicotinamide;
N-(6'-(2-oxaspiro[3.3]heptan-6-yloxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-cyclopropylisonicotinamide;
N-(6'-(2-oxaspiro[3.3]heptan-6-yloxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(2-cyanopropan-2-yl)isonicotinamide;
N-(6'-(2-oxaspiro[3.3]heptan-6-yloxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-4-(2-fluoropropan-2-yl)picolinamide;
N-(6'-(2-oxaspiro[3.3]heptan-6-yloxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-4-(2-hydroxypropan-2-yl)picolinamide;
N-(6'-(2-oxaspiro[3.3]heptan-6-yloxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-4-(2-cyanopropan-2-yl)picolinamide;
4-(2-fluoropropan-2-yl)-N-(6'-(2-hydroxyethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)picolinamide;
N-(6'-(2-hydroxyethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-4-(2-hydroxypropan-2-yl)picolinamide;
4-(2-cyanopropan-2-yl)-N-(6'-(2-hydroxyethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)picolinamide;
4-(1,1-difluoroethyl)-N-(6'-(2-hydroxyethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)picolinamide;
N-(3-(6-ethoxy-5-morpholinopyridin-3-yl)-4-methylphenyl)-3-(S-methylsulfonimidoyl)benzamide;

N-(6'-ethoxy-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(S-methylsulfonimidoyl)benzamide;
N-(2-methyl-5'-morpholino-6'-((tetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)-3-(2,2,2-trifluoro-1-hydroxyethyl)benzamide;
N-(6'-(difluoromethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
N-(6'-(difluoromethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(2-hydroxypropan-2-yl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(6'-(difluoromethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
4-(2-cyanopropan-2-yl)-N-(6'-(difluoromethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)picolinamide;
N-(6'-(difluoromethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(difluoromethyl)isonicotinamide;
N-(6'-(difluoromethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-2-(1,1-difluoropropyl)isonicotinamide;
(R)-N-(6'-(2-hydroxypropoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
(S)-N-(6'-((1-hydroxypropan-2-yl)oxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-((2-hydroxyethyl)(methyl)amino)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
5-(5-(2-(1,1-difluoroethyl)isonicotinamido)-2-methylphenyl)-N-methyl-3-morpholinopicolinamide;
N-(2-methyl-5'-morpholino-6'-oxo-1',6'-dihydro-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
(S)-N-(3-(6-(2-hydroxypropoxy)-5-morpholinopyridin-3-yl)-4-methylphenyl)-2-(methylsulfonyl)isonicotinamide;
(S)-2-(2-fluoropropan-2-yl)-N-(6'-(2-hydroxypropoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)isonicotinamide;
(R)-N-(3-(2-((2-hydroxypropyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;

N-(6'-((1,4-dioxan-2-yl)methoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-((4-hydroxytetrahydro-2H-pyran-4-yl)methyl)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-((dihydro-2H-pyran-4(3H)-ylidene)methyl)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
2-(2-fluoropropan-2-yl)-N-(3-(6-(2-hydroxyethoxy)-5-morpholinopyridin-3-yl)-4-methylphenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(6-(2-hydroxyethoxy)-5-morpholinopyridin-3-yl)-4-methylphenyl)isonicotinamide;
2-cyclopropyl-N-(3-(6-(2-hydroxyethoxy)-5-morpholinopyridin-3-yl)-4-methylphenyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(3-(6-(2-hydroxyethoxy)-5-morpholinopyridin-3-yl)-4-methylphenyl)isonicotinamide;
N-(3-(6-(2-hydroxyethoxy)-5-morpholinopyridin-3-yl)-4-methylphenyl)-5-(trifluoromethyl)nicotinamide;
N-(3-(6-(2-hydroxyethoxy)-5-morpholinopyridin-3-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
(R)-methyl (2-((2'-methyl-5-morpholino-5'-(3-(trifluoromethyl)benzamido)-[3,3'-bipyridin]-6-yl)oxy)propyl)carbamate;
N-(3'-fluoro-6'-((2-hydroxyethyl)amino)-2-methyl-2'-morpholino-[3,4'-bipyridin]-5-yl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
N-(3-(3-fluoro-2-((2-hydroxyethyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
N-(3-(3-fluoro-2-((2-hydroxyethyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
N-(3-(3-fluoro-6-((2-hydroxyethyl)amino)-2-morpholinopyridin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
2-(difluoromethyl)-N-(3-(3-fluoro-6-((2-hydroxyethyl)amino)-2-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
N-(3-(3-fluoro-6-((2-hydroxyethyl)amino)-2-morpholinopyridin-4-yl)-4-methylphenyl)-2-(2-hydroxypropan-2-yl)isonicotinamide;

2-(1-cyanocyclopropyl)-N-(3-(3-fluoro-6-((2-hydroxyethyl)amino)-2-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
6-(2-cyanopropan-2-yl)-N-(3-(3-fluoro-6-((2-hydroxyethyl)amino)-2-morpholinopyridin-4-yl)-4-methylphenyl)pyridazine-4-carboxamide;
N-(3-(3-fluoro-6-((2-hydroxyethyl)amino)-2-morpholinopyridin-4-yl)-4-methylphenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
N-(3-(3,5-difluoro-2-((2-hydroxyethyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
N-(3-(3,5-difluoro-2-((2-hydroxyethyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
2-(difluoromethyl)-N-(3-(3-fluoro-2-((2-hydroxyethyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
3-(6-methoxy-5-morpholinopyridazin-3-yl)-4-methyl-N-(2-(trifluoromethyl)pyridin-4-yl)benzamide;
N-(2-(1,1-difluoroethyl)pyridin-4-yl)-3-(6-methoxy-5-morpholinopyridazin-3-yl)-4-methylbenzamide;
N-(2-(1,1-difluoroethyl)pyridin-4-yl)-3-(6-ethoxy-5-morpholinopyridazin-3-yl)-4-methylbenzamide;
(R)-N-(6'-((1-hydroxypropan-2-yl)oxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
(S)-N-(6'-(2-hydroxypropoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
(R)-N-(3-(6-((2-hydroxypropyl)amino)-2-morpholinopyrimidin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
(R)-2-(1,1-difluoroethyl)-N-(3-(6-((2-hydroxypropyl)amino)-2-morpholinopyrimidin-4-yl)-4-methylphenyl)isonicotinamide;
(R)-2-(2-fluoropropan-2-yl)-N-(3-(6-((2-hydroxypropyl)amino)-2-morpholinopyrimidin-4-yl)-4-methylphenyl)isonicotinamide;
(R)-2-(2-cyanopropan-2-yl)-N-(3-(6-((2-hydroxypropyl)amino)-2-morpholinopyrimidin-4-yl)-4-methylphenyl)isonicotinamide;
N-(5-ethoxy-2'-methyl-6-morpholino-[2,3'-bipyridin]-5'-yl)-2-(2-fluoropropan-2-yl)isonicotinamide;

2-(1,1-difluoroethyl)-N-(5-ethoxy-2'-methyl-6-morpholino-[2,3'-bipyridin]-5'-yl)isonicotinamide;
N-(6'-(((3R,4S)-3-fluorotetrahydro-2H-pyran-4-yl)oxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-(((3S,4R)-3-fluorotetrahydro-2H-pyran-4-yl)oxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-((4-deuterio-3-fluorotetrahydro-2H-pyran-4-yl)oxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(2-methyl-5'-morpholino-6'-(trideuteriomethoxy)-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-(2-(2-hydroxyethoxy)ethoxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(6'-((1,1-dioxidotetrahydro-2H-thiopyran-4-yl)oxy)-2-methyl-5'-morpholino-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(2-methyl-5'-morpholino-6'-((4-deuteriotetrahydro-2H-pyran-4-yl)oxy)-[3,3'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
3-(difluoromethyl)-N-(3-(2-((2-hydroxyethyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)benzamide;
2-(1,1-difluoroethyl)-N-(3-(2-((2-hydroxyethyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
3-(difluoromethyl)-N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)benzamide;
2-(difluoromethyl)-N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-2-(methylsulfonyl)isonicotinamide;

1-ethyl-N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-6-oxo-5-(trifluoromethyl)-1,6-dihydropyridine-3-carboxamide;
3-(4-ethylpiperazin-1-yl)-N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-5-(trifluoromethyl)benzamide;
N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-2-(2-hydroxypropan-2-yl)isonicotinamide;
N-(3-(2-((2-hydroxyethyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
6-cyclopropyl-N-(3-(2-((2-hydroxyethyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)pyridazine-4-carboxamide;
6-(2-cyanopropan-2-yl)-N-(3-(2-((2-hydroxyethyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)pyridazine-4-carboxamide;
2-(1-cyanocyclopropyl)-N-(3-(2-((2-hydroxyethyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
6-cyclopropyl-N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)pyridazine-4-carboxamide;
2-(difluoromethyl)-N-(3-(2-((2-hydroxyethyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
N-(4-methyl-3-(2-morpholino-6-((tetrahydrofuran-3-yl)amino)pyridin-4-yl)phenyl)-2-(trifluoromethyl)isonicotinamide;
N-(4-methyl-3-(2-morpholino-6-(((tetrahydrofuran-3-yl)methyl)amino)pyridin-4-yl)phenyl)-2-(trifluoromethyl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-cyclopropyl-N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-(1,1-difluoropropyl)-N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;

N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
1-ethyl-N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-6-oxo-5-(trifluoromethyl)-1,6-dihydropyridine-3-carboxamide;
N-(3-(2-((2-hydroxy-2-methylpropyl)amino)-6-morpholinopyridin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(4-methyl-3-(2-morpholino-6-((3,3,3-trifluoro-2-hydroxypropyl)amino)pyridin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
(R)-N-(3-(2-(4-hydroxy-2-oxopyrrolidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
(R)-N-(3-(2-(3-hydroxy-2-oxopyrrolidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
N-(3-(2-(2-hydroxypropanamido)-6-morpholinopyridin-4-yl)-4-methylphenyl)-3-(trifluoromethyl)benzamide;
2-(difluoromethyl)-N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
2-cyclopropyl-N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-isopropylisonicotinamide;
N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
2-(1-cyanocyclopropyl)-N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
2-(difluoromethyl)-N-(3-(2-(3-hydroxy-3-methylazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
N-(3-(2-(3-hydroxy-3-methylazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
N-(3-(2-(3-hydroxy-3-methylazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-3-(methylsulfonyl)benzamide;
5-(difluoromethyl)-N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)pyridazine-4-carboxamide;

6-cyclopropyl-N-(3-(2-(3-hydroxy-3-methylazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)pyridazine-4-carboxamide;
3-(difluoromethyl)-N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)benzamide;
2-(1,1-difluoroethyl)-N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
3-(difluoromethyl)-N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)benzamide;
2-(1,1-difluoroethyl)-N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-2-isopropylisonicotinamide;
N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-2-(2-hydroxypropan-2-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-3-(methylsulfonyl)benzamide;
3-((dimethylamino)methyl)-N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-5-(trifluoromethyl)benzamide;
1-ethyl-N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-6-oxo-5-(trifluoromethyl)-1,6-dihydropyridine-3-carboxamide;
3-(4-ethylpiperazin-1-yl)-N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-5-(trifluoromethyl)benzamide;
N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl
2-(tert-butyl)-N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-2-(methylsulfonyl)isonicotinamide;
N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-3-(2-(methylsulfonyl)propan-2-yl)benzamide;
N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-3-(1,3,4-oxadiazol-2-yl)benzamide;

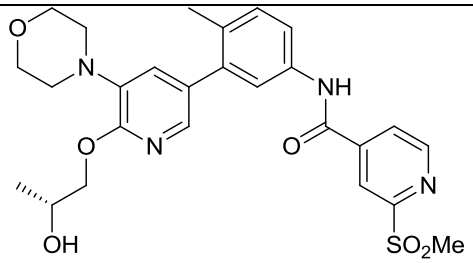
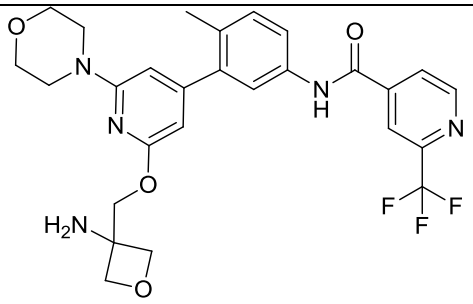
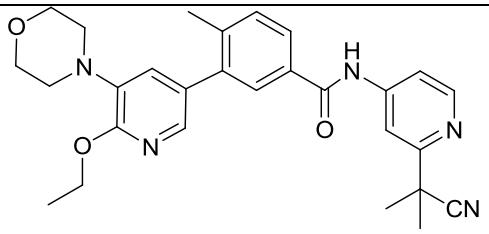
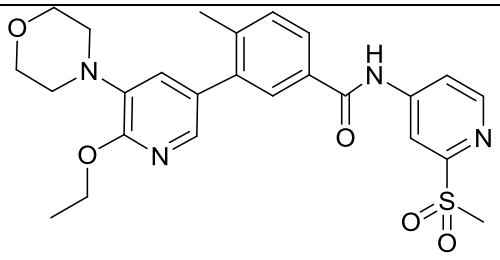
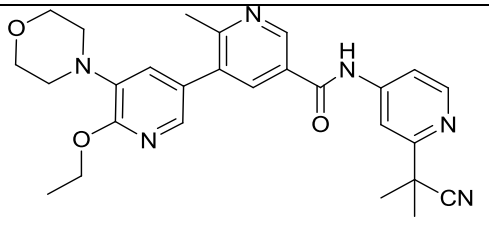
5-cyclopropyl-N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isoxazole-3-carboxamide;
N-(2'-(3-hydroxyazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
5-cyclopropyl-N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)isoxazole-3-carboxamide;
N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-3-(methylsulfonyl)benzamide;
N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-(methylsulfonyl)isonicotinamide;
N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-(2-hydroxypropan-2-yl)isonicotinamide;
N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-3-(2-(methylsulfonyl)propan-2-yl)benzamide;
N-(3-(2-(3-hydroxyazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-3-(1,3,4-oxadiazol-2-yl)benzamide;
6-cyclopropyl-N-(2'-(3-hydroxy-3-methylazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)pyridazine-4-carboxamide;
2-cyclopropyl-N-(2'-(3-hydroxy-3-methylazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-(difluoromethyl)-N-(2'-(3-hydroxy-3-methylazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(2'-(3-hydroxy-3-methylazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(2'-(3-hydroxy-3-methylazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(2'-(3-hydroxy-3-methylazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
2-(2-cyanopropan-2-yl)-N-(2'-(3-hydroxy-3-methylazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-(1-cyanocyclopropyl)-N-(2'-(3-hydroxy-3-methylazetidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;

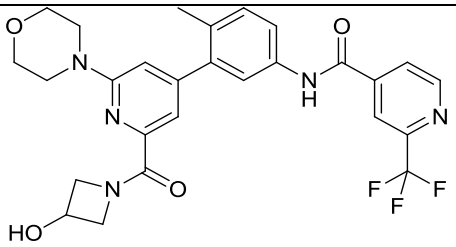
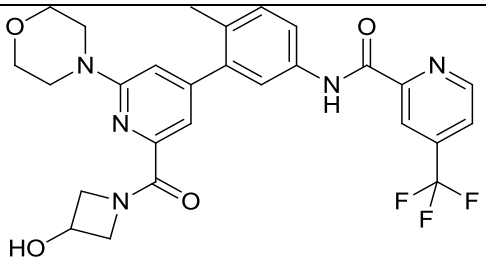
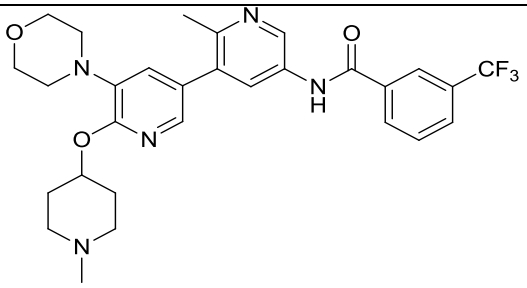
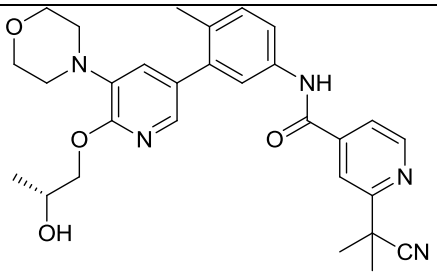
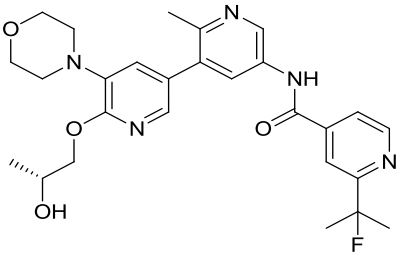
2-(2-cyanopropan-2-yl)-N-(3-(2-(3-hydroxy-3-methylazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
2-(1-cyanocyclopropyl)-N-(3-(2-(3-hydroxy-3-methylazetidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
N-(3-(2,6-dimorpholinopyridin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(2,6-dimorpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
N-(3-(2,6-dimorpholinopyridin-4-yl)-4-methylphenyl)-1-ethyl-6-oxo-5-(trifluoromethyl)-1,6-dihydropyridine-3-carboxamide;
2-(difluoromethyl)-N-(3-(2,6-dimorpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
3-(difluoromethyl)-N-(3-(2,6-dimorpholinopyridin-4-yl)-4-methylphenyl)benzamide;
N-(3-(2,6-dimorpholinopyridin-4-yl)-4-methylphenyl)-2-isopropylisonicotinamide;
N-(3-(2,6-dimorpholinopyridin-4-yl)-4-methylphenyl)-2-(methylsulfonyl)isonicotinamide;
2-isopropyl-N-(2-methyl-2',6'-dimorpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(2-methyl-2',6'-dimorpholino-[3,4'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
3-(difluoromethyl)-N-(2-methyl-2',6'-dimorpholino-[3,4'-bipyridin]-5-yl)benzamide;
2-(difluoromethyl)-N-(2-methyl-2',6'-dimorpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(2-methyl-2',6'-dimorpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(2-methyl-2',6'-dimorpholino-[3,4'-bipyridin]-5-yl)-2-(methylsulfonyl)isonicotinamide;
1-ethyl-N-(2-methyl-2',6'-dimorpholino-[3,4'-bipyridin]-5-yl)-6-oxo-5-(trifluoromethyl)-1,6-dihydropyridine-3-carboxamide;
N-(4-methyl-3-(2-(1-methyl-1H-pyrazol-4-yl)-6-morpholinopyridin-4-yl)phenyl)-2-(trifluoromethyl)isonicotinamide;
N-(3-(2-(3,5-dimethyl-1H-pyrazol-4-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;

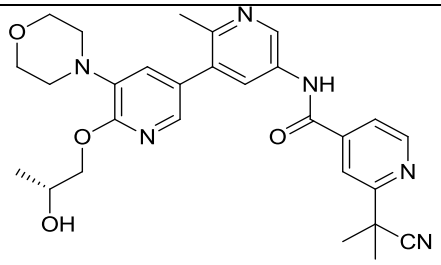
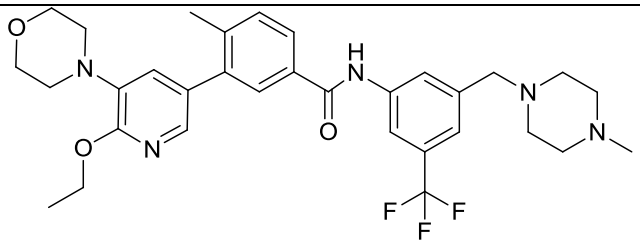
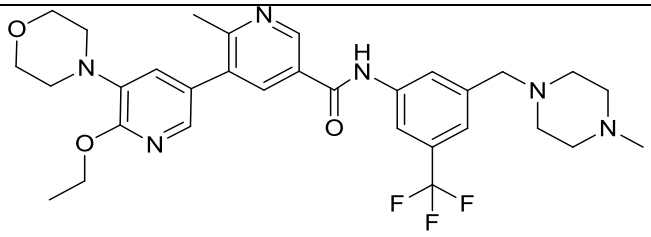
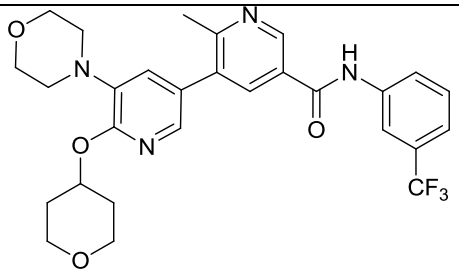
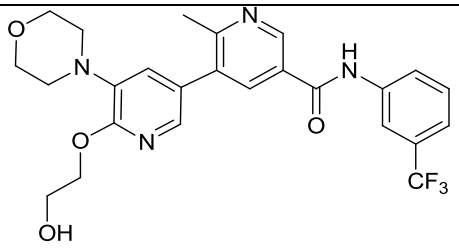
N-(4-methyl-3-(2-morpholino-6-(piperazin-1-yl)pyridin-4-yl)phenyl)-2-(trifluoromethyl)isonicotinamide;
N-(2-methyl-2'-morpholino-6'-(piperazin-1-yl)-[3,4'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(3-(2-(3-hydroxypyrrolidin-1-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
N-(2'-(3-hydroxypyrrolidin-1-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
N-(3-(2-(1,4-dioxan-2-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)piperidine-4-carboxamide;
N-(3-(2-ethoxy-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
N-(4-methyl-3-(2-(3-oxomorpholino)pyridin-4-yl)phenyl)-3-(trifluoromethyl)benzamide;
N-(2-methyl-2'-(3-oxomorpholino)-[3,4'-bipyridin]-5-yl)-3-(trifluoromethyl)benzamide;
2-isopropyl-N-(2-methyl-2'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(4-methyl-3-(2-morpholinopyridin-4-yl)phenyl)isonicotinamide;
(R)-2-(2-fluoropropan-2-yl)-N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-(3-methylmorpholino)-[3,4'-bipyridin]-5-yl)isonicotinamide;
(R)-2-(1,1-difluoroethyl)-N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-(3-methylmorpholino)-[3,4'-bipyridin]-5-yl)isonicotinamide;
(R)-N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-(3-methylmorpholino)-[3,4'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
(R)-2-(difluoromethyl)-N-(2'-((2-hydroxyethyl)amino)-2-methyl-6'-(3-methylmorpholino)-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(2'-ethoxy-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-2-(2-fluoropropan-2-yl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(2'-ethoxy-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(3-(2-(1,4-dioxan-2-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-(2-fluoropropan-2-yl)isonicotinamide;

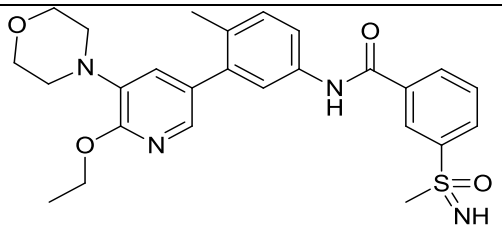
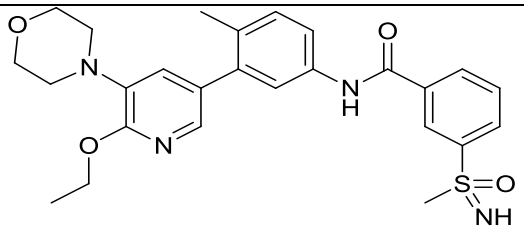
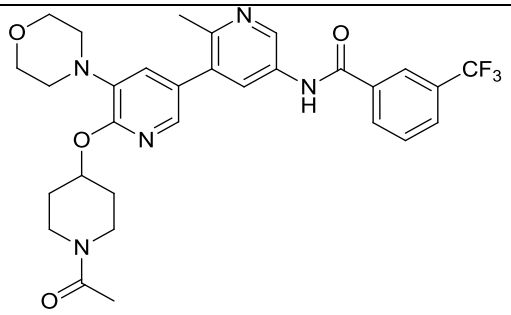
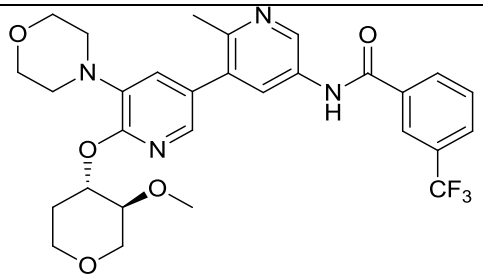
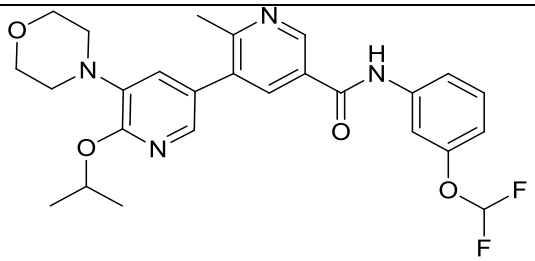
N-(3-(2-(1,4-dioxan-2-yl)-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-(1,1-difluoroethyl)isonicotinamide;
2-(difluoromethyl)-N-(2'-ethoxy-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(2'-ethoxy-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(2'-ethoxy-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-2-(2-hydroxypropan-2-yl)isonicotinamide;
2-cyclopropyl-N-(2'-ethoxy-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide
2-(2-hydroxypropan-2-yl)-N-(4-methyl-3-(2-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridin-4-yl)phenyl)isonicotinamide;
2-(difluoromethyl)-N-(4-methyl-3-(2-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridin-4-yl)phenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(4-methyl-3-(2-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridin-4-yl)phenyl)isonicotinamide;
6-(2-cyanopropan-2-yl)-N-(4-methyl-3-(2-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridin-4-yl)phenyl)pyridazine-4-carboxamide;
6-cyclopropyl-N-(4-methyl-3-(2-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridin-4-yl)phenyl)pyridazine-4-carboxamide;
N-(4-methyl-3-(2-morpholino-6-((tetrahydro-2H-pyran-4-yl)oxy)pyridin-4-yl)phenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
N-(3-(2-(2-hydroxyethoxy)-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide;
2-cyclopropyl-N-(3-(2-(2-hydroxyethoxy)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
2-(2-fluoropropan-2-yl)-N-(3-(2-(2-hydroxyethoxy)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(3-(2-(2-hydroxyethoxy)-6-morpholinopyridin-4-yl)-
2-(difluoromethyl)-N-(3-(2-(2-hydroxyethoxy)-6-morpholinopyridin-4-yl)-4-methylphenyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(3-(2-(2-hydroxyethoxy)-6-morpholinopyridin-4-

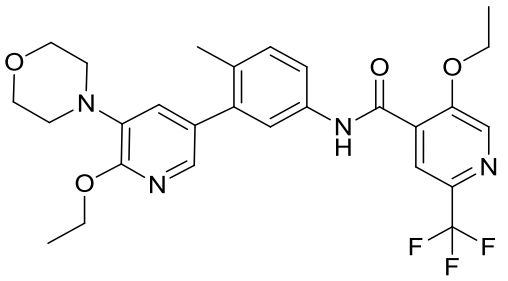
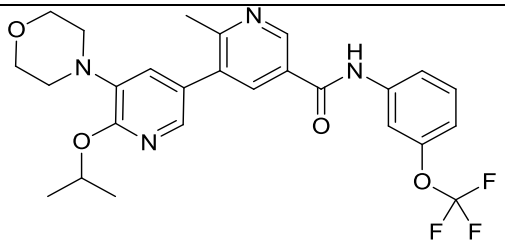
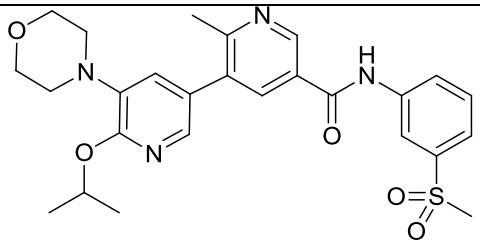
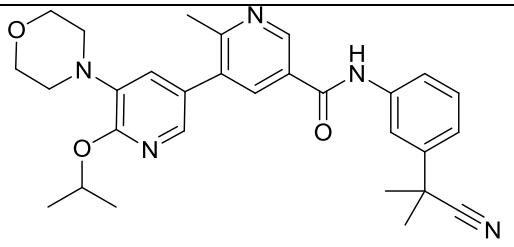
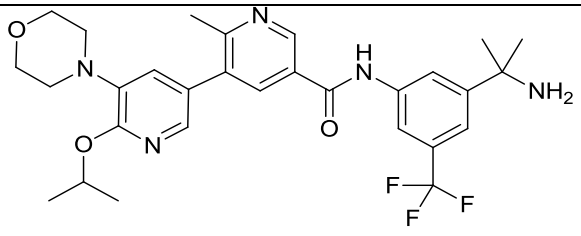
6-cyclopropyl-N-(3-(2-(2-hydroxyethoxy)-6-morpholinopyridin-4-yl)-4-methylphenyl)pyridazine-4-carboxamide;
N-(3-(2-(2-hydroxyethoxy)-6-morpholinopyridin-4-yl)-4-methylphenyl)-4-(trifluoromethyl)picolinamide;
N-(3-(2-(2-hydroxyethoxy)-6-morpholinopyridin-4-yl)-4-methylphenyl)-6-(trifluoromethyl)pyridazine-4-carboxamide;
N-(2'-(1,4-dioxan-2-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
N-(2'-(1,4-dioxan-2-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-2-(1,1-difluoroethyl)isonicotinamide;
N-(2'-(1,4-dioxan-2-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-2-(2-fluoropropan-2-yl)isonicotinamide;
N-(2'-(1,4-dioxan-2-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-2-(1,1-difluoropropyl)isonicotinamide;
N-(2'-(1,4-dioxan-2-yl)-2-methyl-6'-morpholino-[3,4'-bipyridin]-5-yl)-2-cyclopropylisonicotinamide;
2-(2-cyanopropan-2-yl)-N-(2-methoxy-2'-morpholino-[3,4'-bipyridin]-5-yl)isonicotinamide;
2-(1,1-difluoroethyl)-N-(2'-morpholino-2-oxo-1,2-dihydro-[3,4'-bipyridin]-5-yl)isonicotinamide;
N-(2'-morpholino-2-oxo-1,2-dihydro-[3,4'-bipyridin]-5-yl)-2-(trifluoromethyl)isonicotinamide;
2-(2-cyanopropan-2-yl)-N-(2'-morpholino-2-oxo-1,2-dihydro-[3,4'-bipyridin]-5-yl)isonicotinamide;
3-(difluoromethyl)-N-(2'-morpholino-2-oxo-1,2-dihydro-[3,4'-bipyridin]-5-yl)benzamide
6-methyl-2'-morpholino-4-oxo-N-(3-(trifluoromethyl)phenyl)-4H-[1,4'-bipyridine]-3-carboxamide;

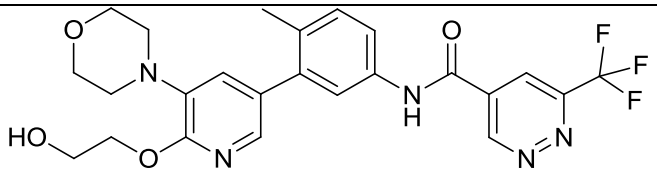
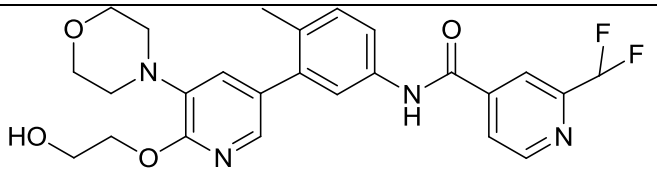
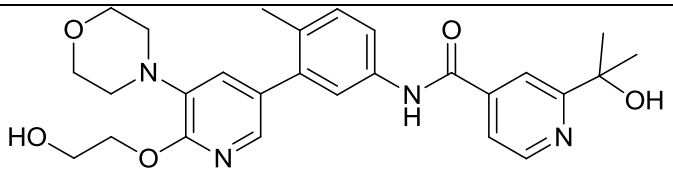
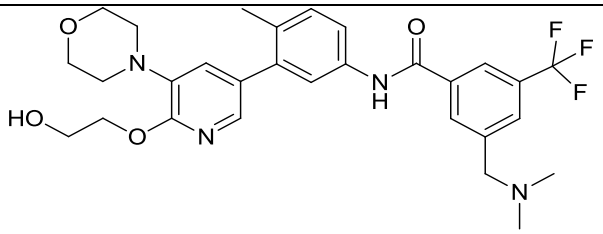
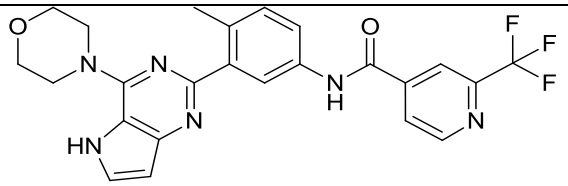
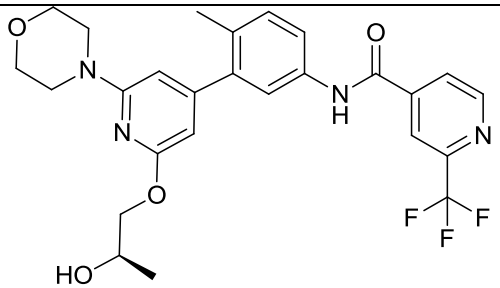
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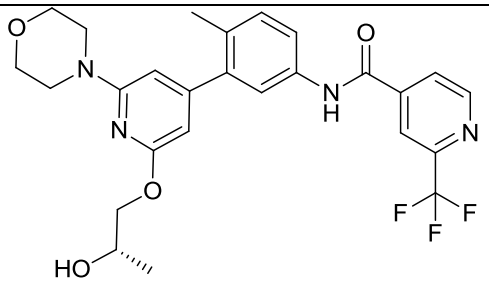
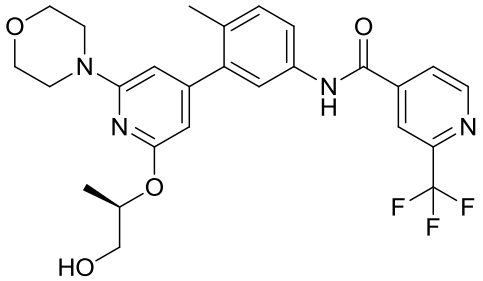
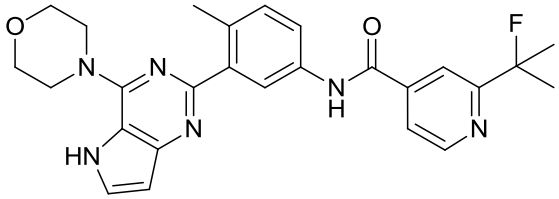
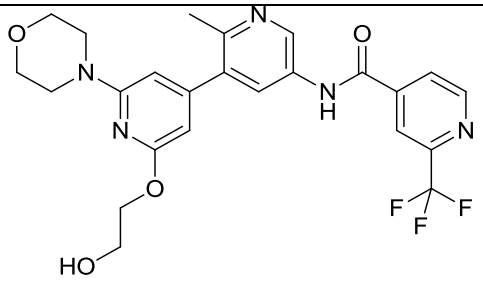
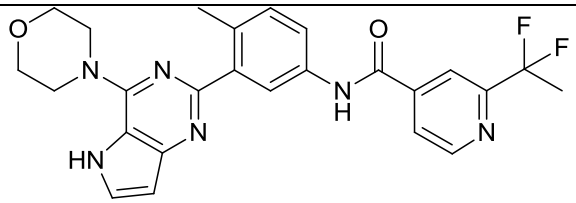
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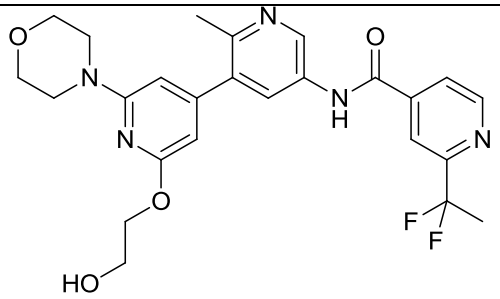
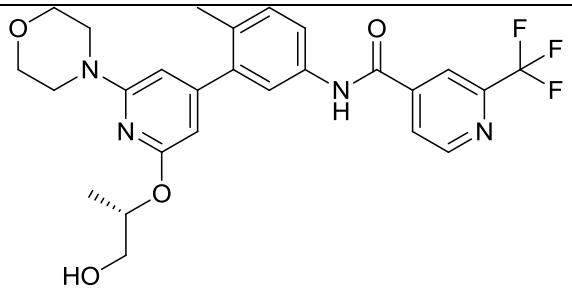
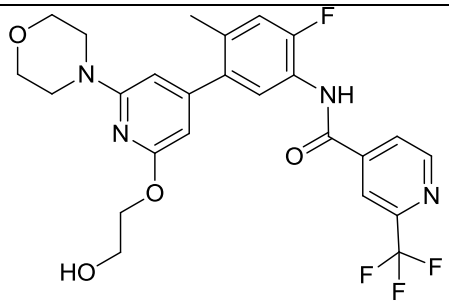
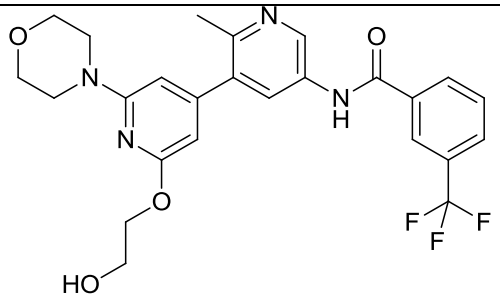
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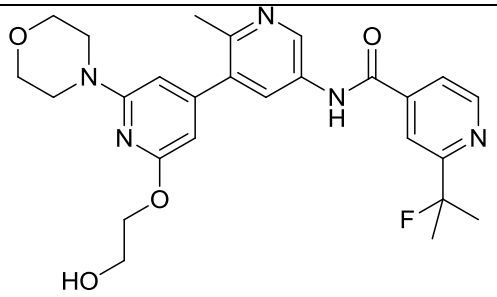
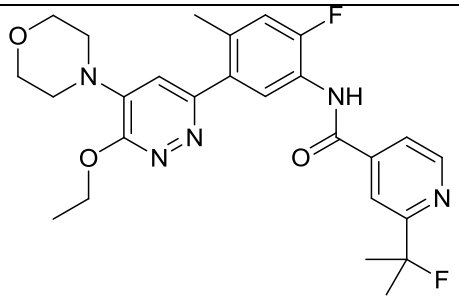
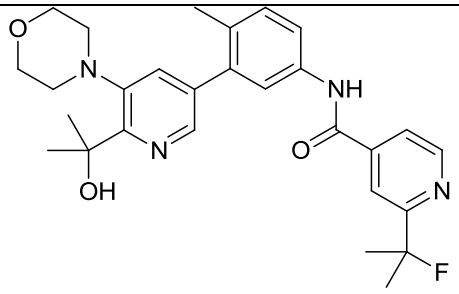
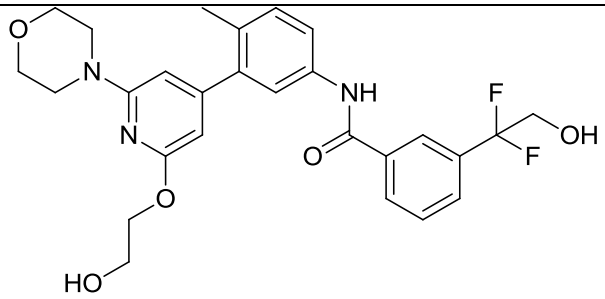
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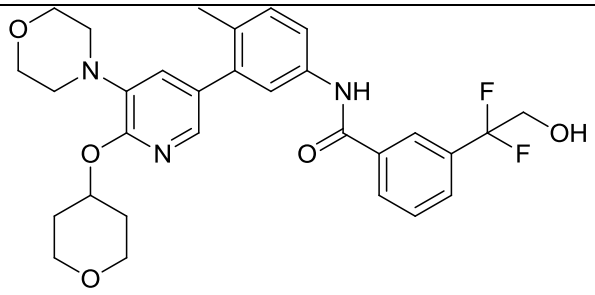
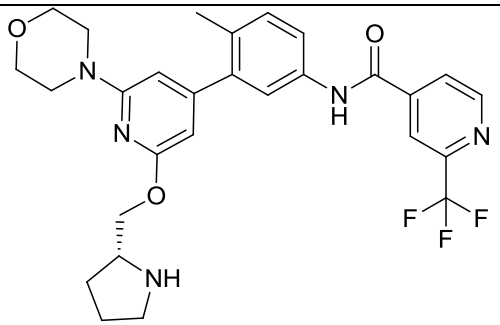
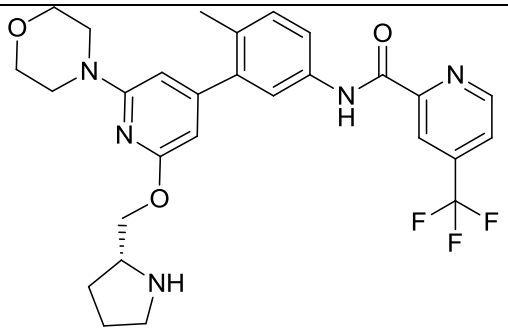
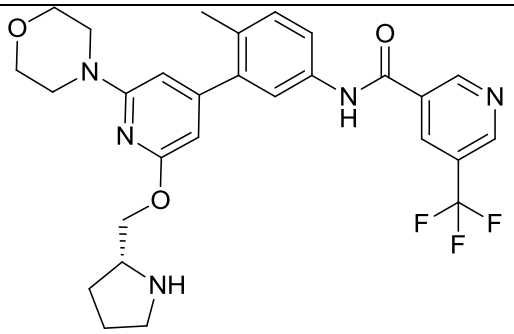
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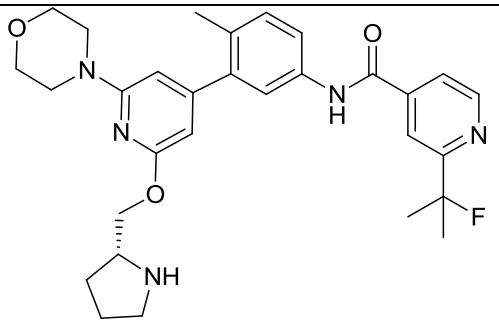
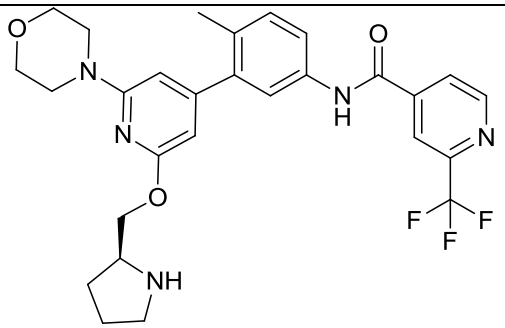
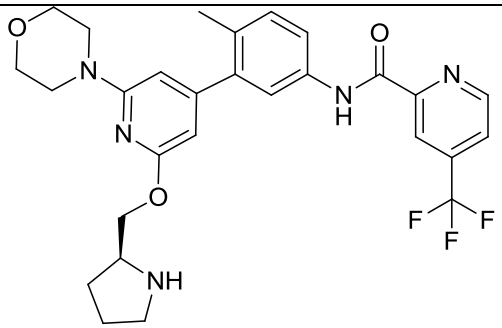
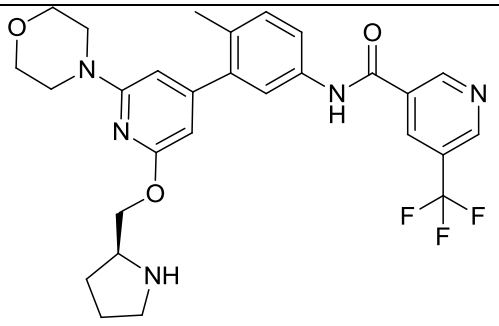
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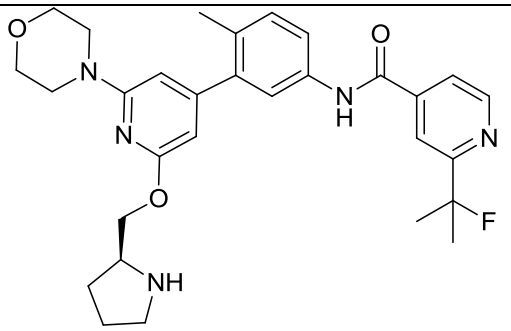
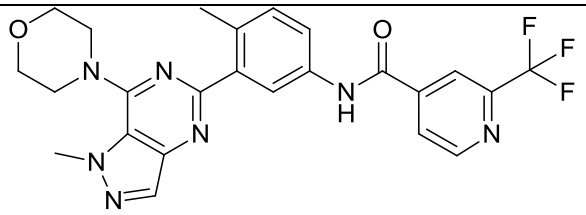
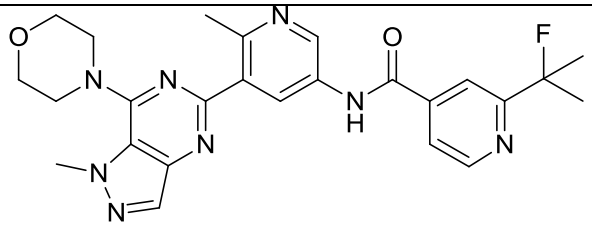
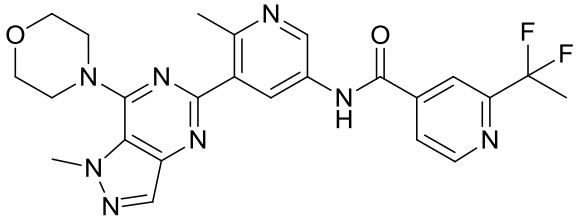
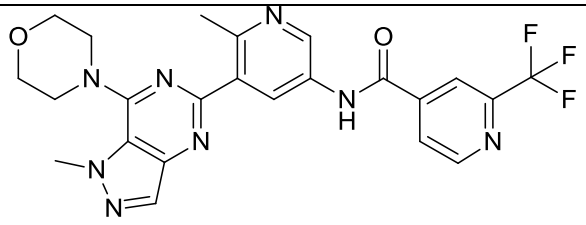
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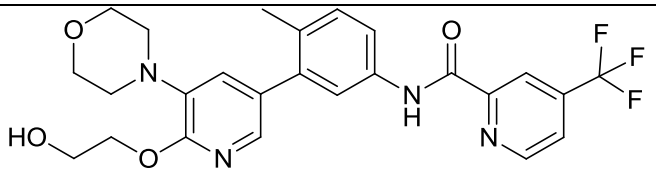
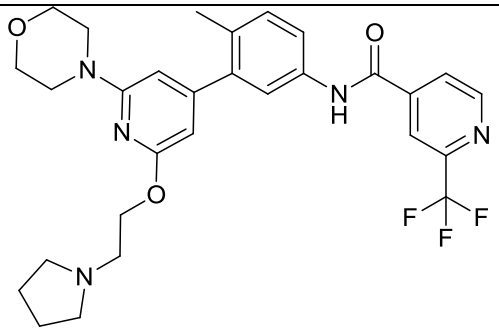
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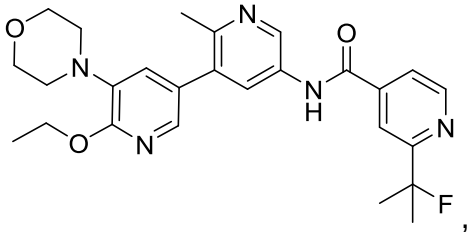
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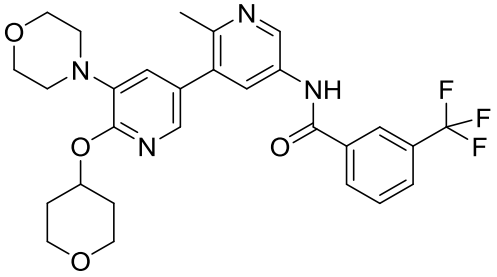
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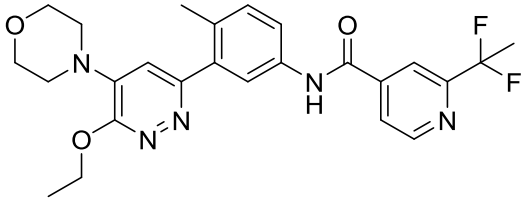
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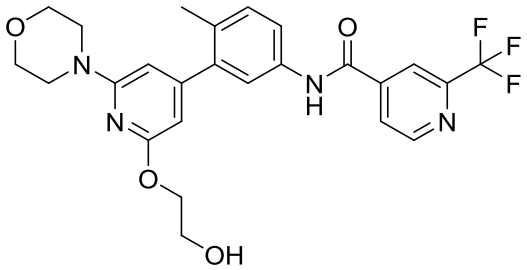
or a pharmaceutically acceptable salt thereof.

22. The compound of claim 1, which is selected from:

,

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, and

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or a pharmaceutically acceptable salt thereof.

23. A pharmaceutical composition comprising a compound of any one of the preceding claims or a pharmaceutically acceptable salt thereof and one or more pharmaceutically acceptable carriers.

24. A combination comprising a therapeutically effective amount of a compound according to any one of claims 1 to 22 or a pharmaceutically acceptable salt thereof and one or more therapeutically active co-agents.

25. A compound according to any one of claims 1 to 22 or a pharmaceutically acceptable salt thereof, for use as a medicament.

26. A compound according to any one of claims 1 to 22 or a pharmaceutically acceptable salt thereof, for use in the treatment of a cancer characterized by an activating Raf mutation, which is selected from breast cancer, lung cancer, sarcoma, GI tumors, ovarian cancer, colorectal cancer, thyroid cancer, and pancreatic cancer.

27. Use of a compound according to any one of claims 1 to 22 or a pharmaceutically acceptable salt thereof in the manufacture of a medicament for the treatment of a cancer characterized by an activating Raf mutation, which is selected from breast cancer, lung cancer, sarcoma, GI tumors, ovarian cancer, colorectal cancer, thyroid cancer, and pancreatic cancer.