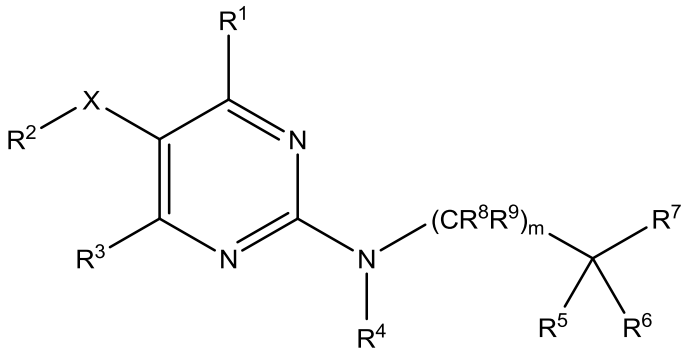
Claims

1. A compound of Formula I:



Formula I

or a pharmaceutically acceptable salt thereof, wherein:

R^1 is hydrogen;

R^2 is selected from C_{6-10} aryl, and 5-10 membered heteroaryl, wherein each of the C_{6-10} aryl and 5-10 membered heteroaryl groups is optionally substituted with 1, 2, 3, 4 or 5 substituents selected from halogen, CN, oxo, $(CH_2)_nOR^a$, $(CH_2)_nNR^bR^c$, $(CH_2)_nNR^dC(O)R^a$, $(CH_2)_nNR^dC(O)OR^a$, $(CH_2)_nNR^dSO_2R^a$, $(CH_2)_nC(O)OR^a$, $(CH_2)_nC(O)NR^bR^c$, C_{1-6} alkyl, and C_{1-6} haloalkyl, wherein the C_{1-6} alkyl is optionally substituted with 1, 2, 3, 4 or 5 R^f substituents;

R^3 is selected from hydrogen, halogen, C_{1-6} alkyl, and C_{1-6} haloalkyl;

R^4 is hydrogen;

R^5 and R^6 are each independently C_{1-6} alkyl;

or alternatively, R^5 and R^6 together with the carbon atom to which they are bound form C_{3-8} cycloalkyl optionally substituted with 1 or 2 halogens;

R^7 is selected from C_{6-10} aryl and 5-10 membered heteroaryl, each optionally substituted with 1, 2, 3, 4 or 5 substituents selected from halogen, OR^a, SR^a, $S(O)R^a$, SO_2R^a, C_{1-6} alkyl, and C_{1-6} haloalkyl;

R^8 and R^9, at each occurrence, are each hydrogen;

X is a bond;

R^a, at each occurrence, is independently selected from hydrogen, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{3-8} cycloalkyl, 3-8 membered heterocycloalkyl, and 5-10 membered heteroaryl, wherein each of the C_{1-6} alkyl, C_{3-8} cycloalkyl, 3-8 membered heterocycloalkyl, and 5-10 membered heteroaryl groups is optionally substituted with 1, 2, 3, 4 or 5 R^f substituents;

R^b and R^c, at each occurrence, are each independently selected from hydrogen, C_{1-6} alkyl, C_{1-6} haloalkyl, C_{3-8} cycloalkyl, and 3-8 membered heterocycloalkyl, wherein each of the C_{1-6} alkyl, and C_{3-8} cycloalkyl groups is optionally substituted with 1, 2, 3, 4 or 5 R^f substituents;

R^d, at each occurrence, is hydrogen;

R^f, at each occurrence, is independently selected from halogen, CN, OR^h, NR^iR^j, $NR^dC(O)OR^h$, $C(O)R^h$, $C(O)NR^iR^j$, SO_2R^h, C_{1-6} alkyl, and C_{1-6} haloalkyl;

R^g, at each occurrence, is independently selected from C_{1-6} alkyl, and C_{1-6} haloalkyl;

R^h, at each occurrence, is independently selected from hydrogen, C_{1-6} alkyl, and C_{1-6} haloalkyl;

R^i and R^j, at each occurrence, are each independently selected from hydrogen, C_{1-6} alkyl, and C_{1-6} haloalkyl;

m is 0 or 1; and

n, at each occurrence, independently is 0, 1 or 2.

2. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein m is 0.

3. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein m is 1.

4. The compound of any one of claims 1 to 3, or a pharmaceutically acceptable salt thereof, wherein R^5 and R^6 are each C_{1-6} alkyl.

5. The compound of claim 4, or a pharmaceutically acceptable salt thereof, wherein R^5 and R^6 are each methyl.

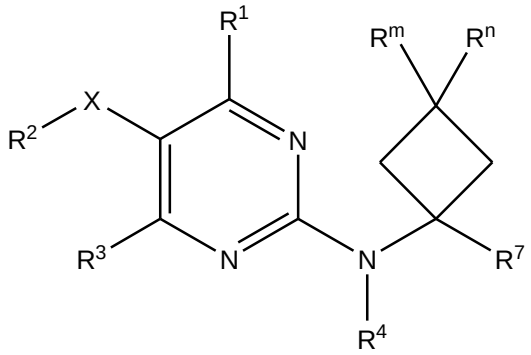
6. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein R^5 and R^6 together with the carbon atom to which they are bound form C_{3-8} cycloalkyl optionally substituted with 1 or 2 halogens.

7. The compound of claim 6, or a pharmaceutically acceptable salt thereof, wherein R^5 and R^6 together with the carbon atom to which they are bound form cyclobutyl.

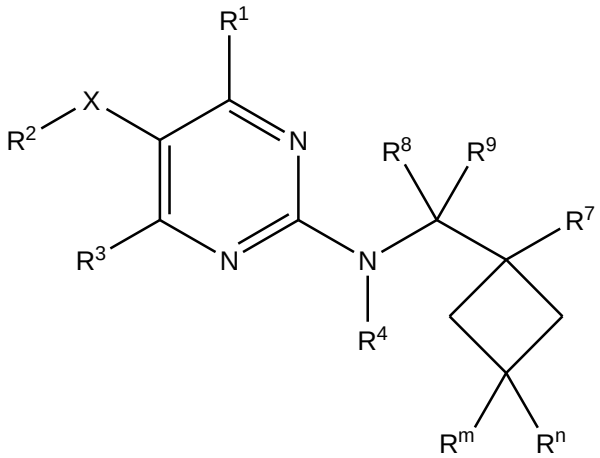
8. The compound of claim 6, or a pharmaceutically acceptable salt thereof, wherein R^5 and R^6 together with the carbon atom to which they are bound form cyclobutyl substituted with one or two halogens.

9. The compound of claim 8, or a pharmaceutically acceptable salt thereof, wherein R^5 and R^6 together with the carbon atom to which they are bound form a group selected from 3-fluorocyclobutyl and 3,3-difluorocyclobutyl.

10. The compound of claim 1, wherein the compound is of Formula V(a) or V(b), or a pharmaceutically acceptable salt thereof:



Formula V(a)



Formula V(b)

wherein R^m and R^n are each independently selected from hydrogen and halogen and the

substituents labeled R^1-R^4 & R^7-R^9 are identical to those in claim 1.

11. The compound of claim 10, or a pharmaceutically acceptable salt thereof, wherein one of R^m and R^n is hydrogen and the other is halogen.

12. The compound of claim 11, or a pharmaceutically acceptable salt thereof, wherein the halogen and R^7 are in a *trans* configuration with respect to one another on the cyclobutyl ring.

13. The compound of claim 11, or a pharmaceutically acceptable salt thereof, wherein the halogen and R^7 are in a *cis* configuration with respect to one another on the cyclobutyl ring.

14. The compound of any one of claims 10 to 13, or a pharmaceutically acceptable salt thereof, wherein one of R^m and R^n is hydrogen and the other is fluorine.

15. The compound of any one of claims 1 to 14, or a pharmaceutically acceptable salt thereof, wherein R^7 is phenyl optionally substituted with 1, 2, 3, 4 or 5 substituents selected from halogen, OR^a, SR^a, $S(O)R^a$, SO_2R^a, C_{1-6} alkyl, and C_{1-6} haloalkyl.

16. The compound of any one of claims 1 to 14, or a pharmaceutically acceptable salt thereof, wherein R^7 is 5-10 membered heteroaryl optionally substituted with 1, 2, 3, 4 or 5 substituents selected from halogen, OR^a, SR^a, $S(O)R^a$, SO_2R^a, C_{1-6} alkyl, and C_{1-6} haloalkyl.

17. The compound of claim 16, or a pharmaceutically acceptable salt thereof, wherein R^7 is pyridyl optionally substituted with 1, 2, 3, 4 or 5 substituents selected from halogen, OR^a, SR^a, $S(O)R^a$, SO_2R^a, C_{1-6} alkyl, and C_{1-6} haloalkyl.

18. The compound of claim 17, or a pharmaceutically acceptable salt thereof, wherein R^7 is 2-pyridyl optionally substituted with 1, 2, 3, 4 or 5 substituents selected from halogen, OR^a, SR^a, $S(O)R^a$, SO_2R^a, C_{1-6} alkyl, and C_{1-6} haloalkyl.

19. The compound of any one of claims 1 to 18, or a pharmaceutically acceptable salt thereof, wherein R^2 is phenyl optionally substituted with 1, 2, 3, 4 or 5 substituents selected from halogen, CN, $(CH_2)_nOR^a$, $(CH_2)_nNR^bR^c$, $(CH_2)_nNR^dC(O)R^a$, $(CH_2)_nNR^dC(O)OR^a$, $(CH_2)_nNR^dSO_2R^a$, $(CH_2)_nC(O)OR^a$, $(CH_2)_nC(O)NR^bR^c$, C_{1-6} alkyl, and C_{1-6} haloalkyl wherein the C_{1-6} alkyl is optionally substituted with 1, 2, 3, 4 or 5 R^f substituents.

20. The compound of any one of claims 1 to 18, or a pharmaceutically acceptable salt thereof, wherein R^2 is 5-10 membered heteroaryl optionally substituted with 1, 2, 3, 4 or 5

substituents selected from halogen, CN, oxo, $(CH_2)_nOR^a$, $(CH_2)_nNR^bR^c$, $(CH_2)_nNR^dC(O)R^a$, $(CH_2)_nNR^dC(O)OR^a$, $(CH_2)_nNR^dSO_2R^a$, $(CH_2)_nC(O)OR^a$, $(CH_2)_nC(O)NR^bR^c$, C_{1-6} alkyl, and C_{1-6} haloalkyl wherein the C_{1-6} alkyl is optionally substituted with 1, 2, 3, 4 or 5 R^f substituents.

21. The compound of claim 20, or a pharmaceutically acceptable salt thereof, wherein R^2 is selected from pyridyl, pyrimidyl, pyrazyl, pyridazyl, pyrrolyl, thiophenyl, thiazolyl, isothiazolyl, thiadiazolyl, oxazolyl, isoxazolyl, oxadiazolyl, imidazolyl, triazolyl and tetrazolyl, each optionally substituted with 1, 2, 3 or 4 substituents selected from halogen, CN, oxo, $(CH_2)_nOR^a$, $(CH_2)_nNR^bR^c$, $(CH_2)_nNR^dC(O)R^a$, $(CH_2)_nNR^dC(O)OR^a$, $(CH_2)_nNR^dSO_2R^a$, $(CH_2)_nC(O)OR^a$, $(CH_2)_nC(O)NR^bR^c$, C_{1-6} alkyl, and C_{1-6} haloalkyl wherein the C_{1-6} alkyl is optionally substituted with 1, 2, 3, 4 or 5 R^f substituents.

22. The compound of claim 21, or a pharmaceutically acceptable salt thereof, wherein R^2 is selected from pyridyl, pyrimidyl, pyrazyl, pyridazyl, pyrrolyl, thiophenyl, thiazolyl, isothiazolyl, thiadiazolyl, oxazolyl, isoxazolyl, oxadiazolyl, imidazolyl, triazolyl and tetrazolyl, each substituted with a substituent selected from $(CH_2)_nC(O)OR^a$ and $(CH_2)_nC(O)NR^bR^c$; and wherein the pyridyl, pyrimidyl, pyrazyl, pyridazyl, pyrrolyl, thiophenyl, thiazolyl, isothiazolyl, thiadiazolyl, oxazolyl, isoxazolyl, oxadiazolyl, imidazolyl, triazolyl or tetrazolyl is optionally substituted with 1, 2 or 3 additional substituents selected from halogen, CN, oxo, $(CH_2)_nOR^a$, $(CH_2)_nNR^bR^c$, $(CH_2)_nNR^dC(O)R^a$, $(CH_2)_nNR^dC(O)OR^a$, $(CH_2)_nNR^dSO_2R^a$, $(CH_2)_nC(O)OR^a$, $(CH_2)_nC(O)NR^bR^c$, C_{1-6} alkyl, and C_{1-6} haloalkyl wherein the C_{1-6} alkyl is optionally substituted with 1, 2, 3, 4 or 5 R^f substituents.

23. The compound of claim 22, or a pharmaceutically acceptable salt thereof, wherein R^2 is selected from pyrrolyl, thiophenyl, thiazolyl, isothiazolyl, thiadiazolyl, oxazolyl, isoxazolyl, oxadiazolyl, imidazolyl, triazolyl and tetrazolyl, each substituted with $(CH_2)_nC(O)NR^bR^c$.

24. The compound of claim 20, or a pharmaceutically acceptable salt thereof, wherein R^2 is selected from indolyl, indazolyl, and benzimidazolyl, each optionally substituted with 1, 2, 3 or 4 substituents selected from halogen, CN, oxo, $(CH_2)_nOR^a$, $(CH_2)_nNR^bR^c$, $(CH_2)_nNR^dC(O)R^a$, $(CH_2)_nNR^dC(O)OR^a$, $(CH_2)_nNR^dSO_2R^a$, $(CH_2)_nC(O)OR^a$, $(CH_2)_nC(O)NR^bR^c$, C_{1-6} alkyl, and C_{1-6} haloalkyl wherein the C_{1-6} alkyl is optionally substituted with 1, 2, 3, 4 or 5 R^f substituents.

25. The compound of any one of claims 1 to 24, or a pharmaceutically acceptable salt

thereof, wherein R^3 is selected from hydrogen, halogen, CF_3 and methyl.

26. The compound of claim 25, or a pharmaceutically acceptable salt thereof, wherein R^3 is hydrogen.

27. The compound of claim 1, or a pharmaceutically acceptable salt thereof, wherein;

m is 0;

R^2 is selected from phenyl and 5-10 membered heteroaryl, each optionally substituted with 1, 2, 3, 4 or 5 substituents selected from halogen, CN, oxo, $(CH_2)_nOR^a$, $(CH_2)_nNR^bR^c$, $(CH_2)_nNR^dC(O)R^a$, $(CH_2)_nNR^dC(O)OR^a$, $(CH_2)_nNR^dSO_2R^a$, $(CH_2)_nC(O)OR^a$, $(CH_2)_nC(O)NR^bR^c$, C_{1-6} alkyl, and C_{1-6} haloalkyl, wherein the C_{1-6} alkyl is optionally substituted with 1, 2, 3, 4 or 5 R^f substituents;

R^3 is hydrogen;

R^5 is methyl;

R^6 is methyl; and

R^7 is selected from phenyl and pyridyl, each optionally substituted with 1, 2 or 3 substituents selected from halogen, OR^a, SR^a, $S(O)R^a$, SO_2R^a, C_{1-6} alkyl, and C_{1-6} haloalkyl.

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

m is 0;

R^2 is selected from phenyl and 5-10 membered heteroaryl, each optionally substituted with 1, 2, 3, 4 or 5 substituents selected from halogen, CN, oxo, $(CH_2)_nOR^a$, $(CH_2)_nNR^bR^c$, $(CH_2)_nNR^dC(O)R^a$, $(CH_2)_nNR^dC(O)OR^a$, $(CH_2)_nNR^dSO_2R^a$, $(CH_2)_nC(O)OR^a$, $(CH_2)_nC(O)NR^bR^c$, C_{1-6} alkyl, and C_{1-6} haloalkyl, wherein the C_{1-6} alkyl is optionally substituted with 1, 2, 3, 4 or 5 R^f substituents;

R^3 is hydrogen;

R^5 and R^6 together with the carbon atom to which they are bound form cyclobutyl optionally substituted with one or two halogens; and

R^7 is selected from phenyl and pyridyl, each optionally substituted with 1, 2 or 3 substituents selected from halogen, OR^a, SR^a, $S(O)R^a$, SO_2R^a, C_{1-6} alkyl, and C_{1-6} haloalkyl.

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

m is 1;

R^2 is selected from phenyl and 5-10 membered heteroaryl, each optionally substituted with 1, 2, 3, 4 or 5 substituents selected from halogen, CN, oxo, $(CH_2)_nOR^a$, $(CH_2)_nNR^bR^c$, $(CH_2)_nNR^dC(O)R^a$, $(CH_2)_nNR^dC(O)OR^a$, $(CH_2)_nNR^dSO_2R^a$, $(CH_2)_nC(O)OR^a$, $(CH_2)_nC(O)NR^bR^c$, C_{1-6} alkyl, and C_{1-6} haloalkyl, wherein the C_{1-6} alkyl is optionally substituted with 1, 2, 3, 4 or 5 R^f substituents;

R^3 is hydrogen;

R^5 is methyl;

R^6 is methyl; and

R^7 is selected from phenyl and pyridyl, each optionally substituted with 1, 2 or 3 substituents selected from halogen, OR^a, SR^a, $S(O)R^a$, SO_2R^a, C_{1-6} alkyl, and C_{1-6} haloalkyl.

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

m is 0;

R^2 is selected from phenyl and 5-10 membered heteroaryl, each optionally substituted with 1, 2, 3, 4 or 5 substituents selected from halogen, CN, oxo, $(CH_2)_nOR^a$, $(CH_2)_nNR^bR^c$, $(CH_2)_nNR^dC(O)R^a$, $(CH_2)_nNR^dC(O)OR^a$, $(CH_2)_nNR^dSO_2R^a$, $(CH_2)_nC(O)OR^a$, $(CH_2)_nC(O)NR^bR^c$, C_{1-6} alkyl, and C_{1-6} haloalkyl, wherein the C_{1-6} alkyl is optionally substituted with 1, 2, 3, 4 or 5 R^f substituents;

R^3 is hydrogen;

R^5 and R^6 together with the carbon atom to which they are bound form cyclobutyl optionally substituted with one or two halogens; and

R^7 is selected from phenyl and pyridyl, each optionally substituted with 1, 2 or 3 substituents selected from halogen, OR^a, SR^a, $S(O)R^a$, SO_2R^a, C_{1-6} alkyl, and C_{1-6} haloalkyl.

31. The compound of claim 1, wherein the compound is 4-fluoro-3-(2-{[2-(3-fluoro(2-pyridyl))-2-methylpropyl]amino}pyrimidin-5-yl)benzamide, or a pharmaceutically acceptable salt thereof.

32. The compound of claim 1, wherein the compound is 4-fluoro-3-[2-({[(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]benzamide, or a pharmaceutically acceptable salt thereof.

33. The compound of claim 1, wherein the compound is 4-fluoro-3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]benzamide, or a pharmaceutically acceptable salt thereof.

34. The compound of claim 1, wherein the compound is {4-fluoro-3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}-N-methylcarboxamide, or a pharmaceutically acceptable salt thereof.

35. The compound of claim 1, wherein the compound is {4-fluoro-3-[2-({[*trans*-3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}-N-methylcarboxamide, or a pharmaceutically acceptable salt thereof.

36. The compound of claim 1, wherein the compound is 4-fluoro-3-(2-((3-fluoro-1-(3-fluoropyridin-2-yl)cyclobutyl)methylamino)pyrimidin-5-yl)-2-hydroxybenzamide, or a pharmaceutically acceptable salt thereof.

37. The compound of claim 1, wherein the compound is 4-fluoro-3-(2-((*trans*-3-fluoro-1-(3-fluoropyridin-2-yl)cyclobutyl)methylamino)pyrimidin-5-yl)-2-hydroxybenzamide, or a pharmaceutically acceptable salt thereof.

38. The compound of claim 1, wherein the compound is 3-(2-((3-fluoro-1-(3-fluoropyridin-2-yl)cyclobutyl)methylamino)pyrimidin-5-yl)-4-hydroxy-N-methylbenzamide, or a pharmaceutically acceptable salt thereof.

39. The compound of claim 1, wherein the compound is 3-(2-((*trans*-3-fluoro-1-(3-fluoropyridin-2-yl)cyclobutyl)methylamino)pyrimidin-5-yl)-4-hydroxy-N-methylbenzamide, or a pharmaceutically acceptable salt thereof.

40. The compound of claim 1, wherein the compound is 4-[2-({[(3-fluoro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]pyridine-2-carboxamide, or a pharmaceutically acceptable salt thereof.

41. The compound of claim 1, wherein the compound is 4-[2-({[3-fluoro-1-(3-fluoro(2-

pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyridine-2-carboxamide, or a pharmaceutically acceptable salt thereof.

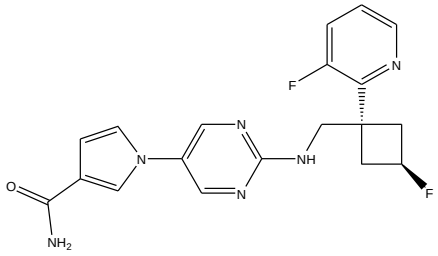
42. The compound of claim 1, wherein the compound is 4-[2-({[*trans*-3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyridine-2-carboxamide, or a pharmaceutically acceptable salt thereof.

43. The compound of claim 1, wherein the compound is 1-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyrazole-4-carboxamide, or a pharmaceutically acceptable salt thereof.

44. The compound of claim 1, wherein the compound is 1-[2-({[*trans*-3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyrazole-4-carboxamide, or a pharmaceutically acceptable salt thereof.

45. The compound of claim 1, wherein the compound is 1-(2-((3-fluoro-1-(3-fluoropyridin-2-yl)cyclobutyl)methylamino)pyrimidin-5-yl)-1H-pyrrole-3-carboxamide, or a pharmaceutically acceptable salt thereof.

46. The compound of claim 1, wherein the compound is ~~1-(2-(((*trans*)-3-fluoro-1-(3-fluoropyridin-2-yl)cyclobutyl)methylamino)pyrimidin-5-yl)-1H-pyrrole-3-carboxamide~~



, or a pharmaceutically acceptable salt thereof.

47. The compound of claim 1, wherein the compound is 2-[2-({[(3-fluoro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]-1,3-thiazole-5-carboxamide, or a pharmaceutically acceptable salt thereof.

48. The compound of claim 1, wherein the compound is 2-(2-(2-((1-(3-chloropyridin-2-yl)cyclobutyl)methylamino)pyrimidin-5-yl)thiazol-5-yl)acetamide, or a pharmaceutically acceptable salt thereof.

49. The compound of claim 1, wherein the compound is 2-(2-((3-fluoro-1-(3-fluoropyridin-2-

yl)cyclobutyl)methylamino)pyrimidin-5-yl)thiazole-5-carboxamide, or a pharmaceutically acceptable salt thereof.

50. The compound of claim 1, wherein the compound is 2-(2-((*trans*-3-luoro-1-(3-fluoropyridin-2-yl)cyclobutyl)methylamino)pyrimidin-5-yl)thiazole-5-carboxamide, or a pharmaceutically acceptable salt thereof.

51. The compound of claim 1, wherein the compound is selected from:

2-[2-({1-[6-(difluoromethoxy)(2-pyridyl)]-isopropyl}amino)pyrimidin-5-yl]-1,3-thiazole-5-carboxamide;

2-(2-{[1-(4-methoxypyrimidin-2-yl)-isopropyl]amino}pyrimidin-5-yl)-1,3-thiazole-5-carboxamide;

3-[2-({1-[6-(difluoromethoxy)(2-pyridyl)]-isopropyl}amino)pyrimidin-5-yl]-4-fluorobenzamide;

3-[2-({1-[6-(difluoromethoxy)(2-pyridyl)]-isopropyl}amino)pyrimidin-5-yl]benzamide;

3-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)benzamide;

4-fluoro-3-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)benzamide;

N-{[4-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)phenyl]methyl}acetamide;

[5-(2-aminopyrimidin-5-yl)pyrimidin-2-yl][1-(3-fluoro(2-pyridyl))-isopropyl]amine;

2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-thiazole-5-carboxamide;

methyl 2-[4-fluoro-3-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)phenyl]acetate;

N-{[3-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)phenyl]methyl}acetamide;

3-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)benzamide;

3-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-4-fluorobenzamide;

1-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazole-4-carbonitrile;

1-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazole-4-carboxamide;

2-[4-fluoro-3-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)phenyl]acetamide;

2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrimidine-4-carboxamide;

{5-[5-(aminomethyl)(1,3-thiazol-2-yl)]pyrimidin-2-yl}[1-(3-fluoro(2-pyridyl))-isopropyl]amine;

N-{[2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-thiazol-5-yl]methyl}acetamide;

2-amino-N-{[2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)(1,3-thiazol-5-yl)]methyl}acetamide;

N-{[2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)(1,3-thiazol-5-yl)]methyl}imidazol-5-ylcarboxamide;

N-{[2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)(1,3-thiazol-5-yl)]methyl}(2-hydroxyimidazol-5-yl)carboxamide;

(aminocyclopropyl)-N-{[2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)(1,3-thiazol-5-yl)]methyl}carboxamide;

((2R)pyrrolidin-2-yl)-N-{[2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)(1,3-thiazol-5-yl)]methyl}carboxamide;

((2S)pyrrolidin-2-yl)-N-{[2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)(1,3-thiazol-5-yl)]methyl}carboxamide;

N-{[2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-thiazol-4-yl]methyl}acetamide;

2-[2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-thiazol-4-yl]acetamide;

1-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrrole-3-carboxamide;

1-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazole-4-carboxamide;

{5-[4-(aminomethyl)(1,3-thiazol-2-yl)]pyrimidin-2-yl}[1-(3-fluoro(2-pyridyl))-isopropyl]amine;

2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-thiazole-4-carbonitrile;

2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-thiazole-4-carboxamide;

2-amino-N-{[2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)(1,3-thiazol-4-yl)]methyl}acetamide;

((2S)pyrrolidin-2-yl)-N-{[2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)(1,3-thiazol-4-yl)]methyl}carboxamide;

((2R)pyrrolidin-2-yl)-N-{[2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)(1,3-thiazol-4-yl)]methyl}carboxamide;

2-(2-{[1-(3-fluoro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-thiazole-5-carbonitrile;

2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-thiazole-5-carboxamide;

1-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazole-4-carboxylic acid;

N-(2-carbamoylethyl)[1-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazol-4-yl]carboxamide;

[1-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazol-4-yl]-N-(2-hydroxyethyl)carboxamide;

2-[1-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazol-4-yl]propan-2-ol;

5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)isoxazole-3-carboxamide;

[1-(3-chloro(2-pyridyl))-isopropyl](5-pyrazol-4-ylpyrimidin-2-yl)amine;

5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyridine-3-carboxamide;

5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)thiophene-2-carboxylic acid;

5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)thiophene-2-carboxamide;

2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-oxazole-4-carboxamide;

2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-oxazole-4-carboxylic acid;

[1-(3-chloro(2-pyridyl))-isopropyl](5-pyrrolo[3,2-b]pyridin-6-ylpyrimidin-2-yl)amine;

2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-oxazole-5-carboxamide;

4-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyridine-2-carboxamide;

4-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-thiazole-2-carboxamide;

[5-(3-amino(1H-indazol-5-yl))pyrimidin-2-yl][1-(3-chloro(2-pyridyl))-isopropyl]amine;

3-(2-{[1-methyl-1-(4-methylthiophenyl)ethyl]amino}pyrimidin-5-yl)benzenecarbonitrile;

3-(2-{[1-methyl-1-(2-methylthiophenyl)ethyl]amino}pyrimidin-5-yl)benzenecarbonitrile;

5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazole-3-carboxamide;

3-(2-(2-(4-(methylsulfinyl)phenyl)propan-2-ylamino)pyrimidin-5-yl)benzamide;

3-[2-({1-methyl-1-[4-(methylsulfonyl)phenyl]ethyl}amino)pyrimidin-5-yl]benzamide;

3-[2-({1-methyl-1-[2-(methylsulfonyl)phenyl]ethyl}amino)pyrimidin-5-yl]benzamide;

3-[2-({1-methyl-1-[3-(methylsulfonyl)(2-pyridyl)]ethyl}amino)pyrimidin-5-yl]benzamide;

2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-thiazole-4-

carboxamide;

2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-thiazole-4-carboxylic acid;

2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-oxazole-5-carboxylic acid;

3-(2-{[1-methyl-1-(3-methylthio(2-pyridyl))ethyl]amino}pyrimidin-5-yl)benzenecarbonitrile;

3-(2-{[1-methyl-1-(2-methylthiophenyl)ethyl]amino}pyrimidin-5-yl)benzamide;

3-(2-(2-(2-(methylsulfinyl)phenyl)propan-2-ylamino)pyrimidin-5-yl)benzamide;

3-(2-{[1-methyl-1-(3-methylthio(2-pyridyl))ethyl]amino}pyrimidin-5-yl)benzamide;

3-(2-(2-(3-(methylsulfinyl)pyridin-2-yl)propan-2-ylamino)pyrimidin-5-yl)benzamide;

3-[2-({1-[3-(difluoromethyl)(2-pyridyl)]-isopropyl}amino)pyrimidin-5-yl]-4-fluorobenzenecarbonitrile;

3-[2-({1-[3-(difluoromethyl)(2-pyridyl)]-isopropyl}amino)pyrimidin-5-yl]-4-fluorobenzamide;

(5-(5H-1,2,3,4-tetraazol-5-yl)pyrimidin-2-yl)[1-(3-chloro(2-pyridyl))-isopropyl]amine;

ethyl 5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3,4-oxadiazole-2-carboxylate;

5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3,4-oxadiazole-2-carboxamide;

methyl 4-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)thiophene-2-carboxylate;

5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-thiazole-2-carboxamide;

5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3,4-thiadiazole-2-carboxamide;

methyl 4-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1-methylimidazole-2-carboxylate;

6-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyridine-2-carboxamide;

3-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,2,4-oxadiazole-5-carboxamide;

ethyl 5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,2,4-oxadiazole-3-carboxylate;

[5-(3-amino(1H-indazol-5-yl))pyrimidin-2-yl][1-(3-fluoro(2-pyridyl))-isopropyl]amine;

4-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)thiophene-2-carboxamide;

[1-(3-chloro(2-pyridyl))-isopropyl](5-(1,2,4-oxadiazol-5-yl)pyrimidin-2-yl)amine;

4-fluoro-3-(2-{[1-(3-methoxy(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)benzenecarbonitrile;

4-fluoro-3-(2-{[1-methyl-1-(3-methyl(2-pyridyl))ethyl]amino}pyrimidin-5-yl)benzamide;

4-fluoro-3-(2-{[1-(3-methoxy(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)benzamide;

{5-[5-(aminomethyl)(1,3-thiazol-2-yl)]pyrimidin-2-yl}[1-(3-chloro(2-pyridyl))-isopropyl]amine;

N-{[2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1,3-thiazol-5-yl]methyl}acetamide;

N-{[2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)(1,3-thiazol-5-yl)]methyl}-2-hydroxy-2-methylpropanamide;

N-{[2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)(1,3-thiazol-5-yl)]methyl}(2-hydroxyimidazol-4-yl)carboxamide;

3-(2-{[1-(3-chloro-6-hydroxy(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)benzamide;

3-(2-{[1-(3-chloro-6-methoxy(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)benzamide;

[1-(3-chloro(2-pyridyl))-isopropyl](5-(1,3-thiazol-2-yl)pyrimidin-2-yl)amine;

2-[4-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazolyl]ethan-1-ol;

2-[4-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazolyl]acetic acid;

2-[4-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazolyl]acetamide;

2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyridine-4-carbonitrile;

2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyridine-4-carboxamide;

N-{[1-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazol-4-yl]methyl}acetamide;

3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]benzamide;

6-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-2-pyrrolino[3,2-b]pyridin-2-one;

6-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)imidazo[2,1-b]1,3-thiazoline-2-carboxamide;

[5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)(1H-indazol-3-yl)](methylsulfonyl)amine;

5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1-methylpyrazole-3-carboxamide;

3-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1-methylpyrazole-5-carboxamide;

6-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)imidazo[2,1-b]1,3-thiazoline-3-carboxamide;

5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-2-methoxypyridine-3-carbonitrile;

5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-2-methoxypyridine-3-carboxamide;

5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-2-oxohydropyridine-3-carboxamide;

2-[(tert-butoxy)carbonylamino]-N-{[1-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazol-4-yl]methyl}acetamide;

2-amino-N-{[1-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazol-4-yl]methyl}acetamide;

3-[(tert-butoxy)carbonylamino]-N-{[1-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazol-4-yl]methyl}propanamide;

3-amino-N-{[1-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrazol-4-yl]methyl}propanamide;

ethyl 3-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)isoxazole-5-carboxylate;

3-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)isoxazole-5-carboxamide;

(5-(1H-indazol-5-yl)pyrimidin-2-yl)[1-(3-chloro(2-pyridyl))-isopropyl]amine;

N-[5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-1H-indazol-3-yl]acetamide;

6-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrimidine-4-carboxamide;

methyl 6-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyrimidine-4-carboxylate;

3-(2-{[1-(2-chloro(3-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-4-fluorobenzamide;

6-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)imidazo[2,1-b]1,3-thiazoline-3-carboxylic acid;

2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-4-hydroimidazo[1,2-a]pyridine-6-carboxylic acid;

2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-4-hydroimidazo[1,2-

a]pyridine-6-carboxamide;

2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-4-hydroimidazo[1,2-a]pyridine-8-carboxamide;

2-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)-4-hydroimidazo[1,2-a]pyridine-7-carboxamide;

5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyridazine-3-carboxamide;

N-(tert-butyl)[5-(2-{[1-(3-chloro(2-pyridyl))-isopropyl]amino}pyrimidin-5-yl)pyridazin-3-yl]carboxamide;

or a pharmaceutically acceptable salt thereof.

52. The compound of claim 1, wherein the compound is selected from:

4-fluoro-3-(2-{[(3-fluoro(2-pyridyl))cyclobutyl]amino}pyrimidin-5-yl)benzamide;

4-(2-{[(4-fluorophenyl)cyclobutyl]amino}pyrimidin-5-yl)pyridine-2-carbonitrile;

4-fluoro-3-(2-{[(4-fluorophenyl)cyclobutyl]amino}pyrimidin-5-yl)benzamide;

4-(2-{[(3-fluoro-2-pyridyl)cyclobutyl]amino}pyrimidin-5-yl)pyridine-2-carbonitrile;

4-(2-{[(3-fluoro-2-pyridyl)cyclobutyl]amino}pyrimidin-5-yl)pyridine-2-carboxamide;

4-(2-{[(4-fluorophenyl)cyclobutyl]amino}pyrimidin-5-yl)pyridine-2-carboxamide;

(5-(1H-indazol-5-yl)pyrimidin-2-yl)[(3-fluoro(2-pyridyl))cyclobutyl]amine;

5-(2-{[(3-fluoro-2-pyridyl)cyclobutyl]amino}pyrimidin-5-yl)-1H-indazole-3-carbonitrile;

5-(2-{[(3-fluoro-2-pyridyl)cyclobutyl]amino}pyrimidin-5-yl)-1H-indazole-3-carboxamide;

[5-(6-fluoro(1H-indazol-5-yl))pyrimidin-2-yl][(3-fluoro(2-pyridyl))cyclobutyl]amine;

6-fluoro-5-(2-{[(3-fluoro(2-pyridyl))cyclobutyl]amino}pyrimidin-5-yl)-1H-indazole-3-carbonitrile;

6-fluoro-5-(2-{[(3-fluoro(2-pyridyl))cyclobutyl]amino}pyrimidin-5-yl)-1H-indazole-3-carboxamide;

3-(2-{[1-(3-chloro(2-pyridyl))-3-fluorocyclobutyl]amino}pyrimidin-5-yl)-4-fluorobenzamide;

or a pharmaceutically acceptable salt thereof.

53. The compound of claim 1, wherein the compound is selected from:

4-(2-{[2-(4-fluorophenyl)-2-methylpropyl]amino}pyrimidin-5-yl)benzamide;

3-(2-{[2-(4-fluorophenyl)-2-methylpropyl]amino}pyrimidin-5-yl)benzamide;

5-(2-{[2-(4-fluorophenyl)-2-methylpropyl]amino}pyrimidin-5-yl)pyridine-3-carbonitrile;

5-(2-{[2-(4-fluorophenyl)-2-methylpropyl]amino}pyrimidin-5-yl)pyridine-3-carboxamide;

5-(2-{[2-(4-fluorophenyl)-2-methylpropyl]amino}pyrimidin-5-yl)-3-hydrobenzimidazol-2-one;

[5-(3-amino(1H-indazol-5-yl))pyrimidin-2-yl][2-(4-fluorophenyl)-2-methylpropyl]amine;

3-(2-{[2-(3-fluoro(2-pyridyl))-2-methylpropyl]amino}pyrimidin-5-yl)benzamide;

2-(2-{[2-(3-fluoro(2-pyridyl))-2-methylpropyl]amino}pyrimidin-5-yl)pyrimidine-4-carboxamide;

3-(2-{[2-(3-chloro(2-pyridyl))-2-methylpropyl]amino}pyrimidin-5-yl)benzamide;

3-(2-{[2-(3-chloro(2-pyridyl))-2-methylpropyl]amino}pyrimidin-5-yl)-4-fluorobenzamide;

or a pharmaceutically acceptable salt thereof.

54. The compound of claim 1, wherein the compound is selected from:

ethyl 1-[2-({[(3-fluoro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]pyrazole-4-carboxylate;

1-[2-({[(3-fluoro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]pyrazole-4-carboxamide;

1-[2-({[(3-fluoro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]pyrazole-4-carboxylic acid;

2-[2-({[(3-fluoro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]-1,3-thiazole-4-carboxamide;

ethyl 2-[2-({[(3-fluoro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]-1,3-thiazole-4-carboxylate;

2-[2-({[(3-fluoro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]-1,3-thiazole-4-carboxylic acid;

2-(2-{[(2-pyridylcyclobutyl)methyl]amino}pyrimidin-5-yl)-1,3-thiazole-5-carboxamide;

2-(2-{[(2-pyridylcyclobutyl)methyl]amino}pyrimidin-5-yl)-1,3-thiazole-5-carbonitrile;

2-[2-({[(3-fluoro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]-1,3-thiazole-5-carbonitrile;

{4-[6-({[(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyridazin-3-yl]pyrimidin-2-yl}(methylsulfonyl)amine;

3-[2-({[(3-fluoro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]benzamide;

1-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyrazole-4-carbonitrile;

3-[2-({[1-(3-chloro(2-pyridyl))-3-fluorocyclobutyl]methyl}amino)pyrimidin-5-yl]-4-fluorobenzamide;

3-[2-({[1-(3-chloro(2-pyridyl))-3-fluorocyclobutyl]methyl}amino)pyrimidin-5-yl]-4-fluorobenzamide;

4-fluoro-3-(2-{[(3-fluoro-1-(2-pyridyl)cyclobutyl)methyl]amino}pyrimidin-5-yl)benzamide;

4-fluoro-3-(2-{[(3-fluoro-1-(2-pyridyl)cyclobutyl)methyl]amino}pyrimidin-5-yl)benzamide;

3-[2-({[(3-chloro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-4-fluorobenzamide;

3-[2-({[(3-chloro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]benzamide;

3-(2-{[(2-pyridylcyclobutyl)methyl]amino}pyrimidin-5-yl)benzamide;

4-fluoro-3-(2-{[(2-pyridylcyclobutyl)methyl]amino}pyrimidin-5-yl)benzamide;

3-[2-({[(3-chloro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-4-fluorobenzenecarbonitrile;

3-[2-({[(3-chloro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]benzenecarbonitrile;

methyl 1-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyrrole-3-carboxylate;

1-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyrrole-3-carboxylic acid;

{3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}-N-(methylsulfonyl)carboxamide;

2-{2-[2-({[(3-fluoro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]-1,3-thiazol-5-yl}ethanenitrile;

2-{2-[2-({[(3-chloro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]-1,3-thiazol-5-yl}acetamide;

3-[2-({[1-(3-chloro(2-pyridyl))-3,3-difluorocyclobutyl]methyl}amino)pyrimidin-5-yl]-4-fluorobenzamide;

3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)-4-methylpyrimidin-5-yl]benzamide;

2-{2-[2-({[(3-fluoro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]-1,3-thiazol-5-yl}acetamide;

2-{2-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-1,3-thiazol-5-yl}acetamide;

(tert-butoxy)-N-({2-[2-({[(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl](1,3-thiazol-5-yl)}methyl)carboxamide;

{5-[5-(aminomethyl)(1,3-thiazol-2-yl)]pyrimidin-2-yl}{[(3-fluoro(2-pyridyl))cyclobutyl]methyl}amine;

N-({2-[2-({[(3-fluoro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]-1,3-thiazol-5-yl}methyl)acetamide;

(tert-butoxy)-N-({2-[2-({[(3-chloro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl](1,3-thiazol-5-yl)}methyl)carboxamide;

{5-[5-(aminomethyl)(1,3-thiazol-2-yl)]pyrimidin-2-yl}{[(3-chloro(2-pyridyl))cyclobutyl]methyl}amine;

N-({2-[2-({[(3-chloro-2-pyridyl)cyclobutyl]methyl}amino)pyrimidin-5-yl]-1,3-thiazol-5-yl}methyl)acetamide;

({2-[2-({[(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl](1,3-thiazol-5-yl)}methyl)(methylsulfonyl)amine;

2-{2-[2-({[1-(3-chloro(2-pyridyl))-3-fluorocyclobutyl]methyl}amino)pyrimidin-5-yl]-1,3-thiazol-5-yl}acetamide;

(tert-butoxy)-N-{[2-(2-{[(2-pyridylcyclobutyl)methyl]amino}pyrimidin-5-yl)(1,3-thiazol-5-yl)]methyl}carboxamide;

{3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}-N-methylcarboxamide;

{3-[2-({[(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}-N-methylcarboxamide;

{4-fluoro-3-[2-({[(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}-N-methylcarboxamide;

{3-[2-({[(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-4-hydroxyphenyl}-N-methylcarboxamide;

3-[2-({[(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-4-hydroxybenzamide;

{3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-4-hydroxyphenyl}-N-methylcarboxamide;

3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-4-

hydroxybenzamide;

{1-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyrrol-3-yl}-N-methylcarboxamide;

{2-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl](4-pyridyl)}-N-methylcarboxamide;

{[(3-fluoro(2-pyridyl))cyclobutyl]methyl}(5-imidazol-2-ylpyrimidin-2-yl)amine;

7-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]indolin-2-one;

3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-4-hydroxybenzoic acid;

methyl 3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-4-hydroxybenzoate;

1-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-6-oxohydropyridine-3-carboxylic acid;

1-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-6-oxohydropyridine-3-carboxamide;

2-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyrimidine-4-carbonitrile;

{2-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyrimidin-4-yl}-N-methylcarboxamide;

2-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyrimidine-4-carboxamide;

7-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]isoindolin-1-one;

{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}[5-(2-fluorophenyl)pyrimidin-2-yl]amine;

2-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-

yl]benzamide;

2-{2-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}acetamide;

N-{2-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}acetamide;

2-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]benzene-1,4-dicarboxamide;

4-fluoro-2-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]benzamide;

2-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyridine-4-carbonitrile;

2-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyridine-4-carboxamide;

2-{3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)-4-methylpyrimidin-5-yl]phenyl}acetamide;

4-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)-4-methylpyrimidin-5-yl]benzenecarbonitrile;

4-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)-4-methylpyrimidin-5-yl]benzamide;

6-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyridin-3-ol;

[5-(5-aminopyrazin-2-yl)pyrimidin-2-yl]{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amine;

5-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-2-hydroxybenzamide;

2-{4-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)-4-methylpyrimidin-5-yl]phenyl}acetamide;

2-{4-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)-4-methylpyrimidin-5-yl]phenyl}acetic acid;

[5-(2-amino-5-methylpyrimidin-4-yl)pyrimidin-2-yl]{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amine;

[5-(2-amino-4-methylpyrimidin-5-yl)pyrimidin-2-yl]{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amine;

3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyridin-2-ol;

[5-(6-aminopyridazin-3-yl)pyrimidin-2-yl]{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amine;

[5-(2-aminopyrimidin-5-yl)pyrimidin-2-yl]{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amine;

5-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyridin-2-ol;

{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}[5-(6-methoxy(3-pyridyl))pyrimidin-2-yl]amine;

[5-(6-aminopyrazin-2-yl)pyrimidin-2-yl]{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amine;

[5-(2-aminopyrimidin-4-yl)pyrimidin-2-yl]{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amine;

[5-(2-amino-5-fluoropyrimidin-4-yl)pyrimidin-2-yl]{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amine;

5-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyrimidin-2-ol;

{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}[5-(2-methoxypyrimidin-5-yl)pyrimidin-2-yl]amine;

6-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-

yl]pyridazin-3-ol;

{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}[5-(6-methoxypyridazin-3-yl)pyrimidin-2-yl]amine;

1-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-4-hydroxyhydropyridin-2-one;

5-fluoro-6-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]pyridin-3-ol;

{3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}-N-(1-methylazetidin-3-yl)carboxamide;

{4-fluoro-3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}-N-(1-methylazetidin-3-yl)carboxamide;

N-(1-acetylazetidin-3-yl){3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}carboxamide;

N-(1-acetylazetidin-3-yl){4-fluoro-3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}carboxamide;

{4-fluoro-3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}-N-[1-(methylsulfonyl)azetidin-3-yl]carboxamide;

{3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}-N-[1-(methylsulfonyl)azetidin-3-yl]carboxamide;

{3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}-N-(3-hydroxycyclobutyl)carboxamide;

{4-fluoro-3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]phenyl}-N-(3-hydroxycyclobutyl)carboxamide;

4-fluoro-3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-2-hydroxybenzamide;

3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-2-hydroxybenzamide;

[5-(2,6-dimethoxypyrimidin-4-yl)pyrimidin-2-yl]{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amine;

[5-(2,4-dimethoxypyrimidin-5-yl)pyrimidin-2-yl]{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amine;

6-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-1,3-dihydropyrimidine-2,4-dione;

5-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-1,3-dihydropyrimidine-2,4-dione;

3-amino-6-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]hydropyrazin-2-one;

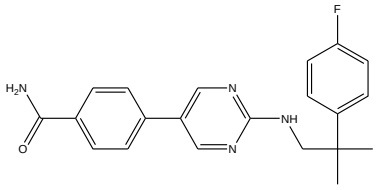
{3-[2-({[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]-2-hydroxyphenyl}-N-methylcarboxamide;

{[3-fluoro-1-(3-fluoro(2-pyridyl))cyclobutyl]methyl}[5-(3-methoxy-6-methyl(2-pyridyl))pyrimidin-2-yl]amine;

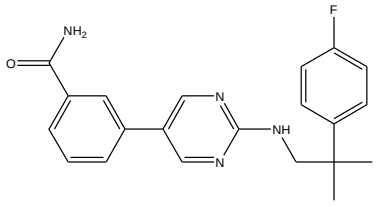
3-[2-({[3-fluoro-1-(3-fluoro-6-methyl(2-pyridyl))cyclobutyl]methyl}amino)pyrimidin-5-yl]benzamide;

or a pharmaceutically acceptable salt thereof.

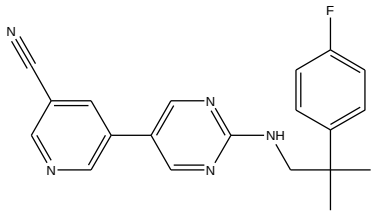
55. The compound of claim 1, wherein the compound is selected from:

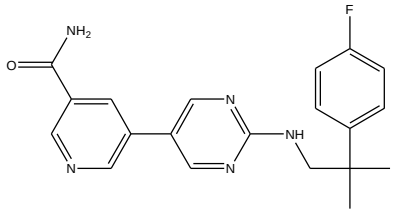


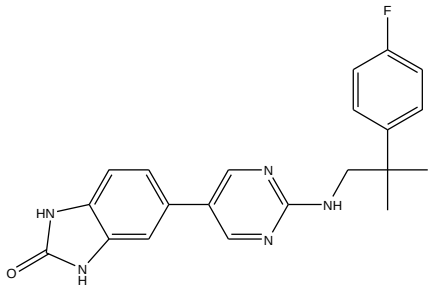
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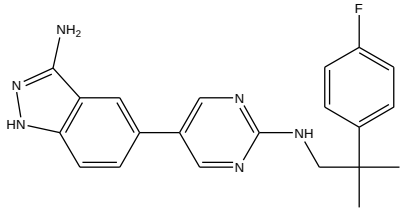


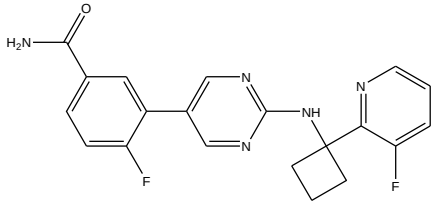
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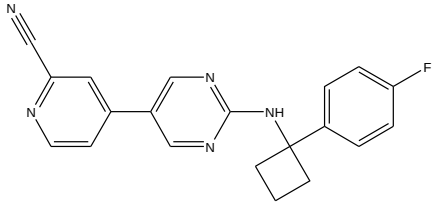

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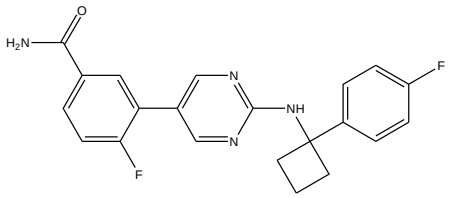

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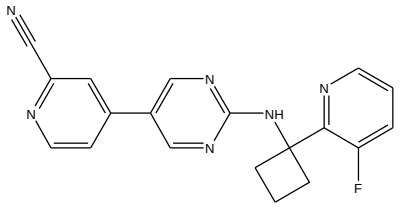

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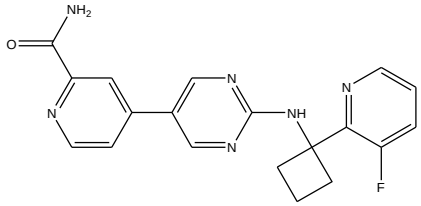

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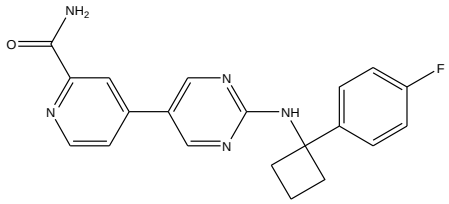

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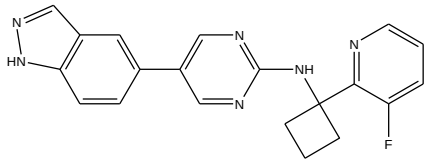

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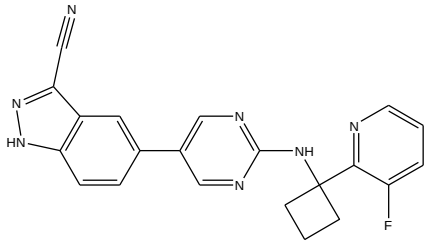

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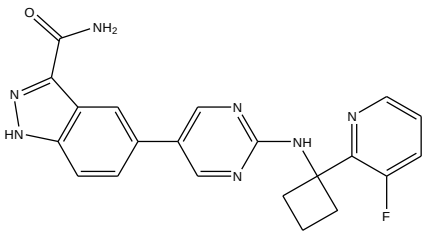

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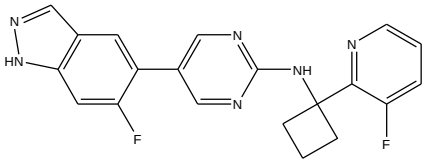

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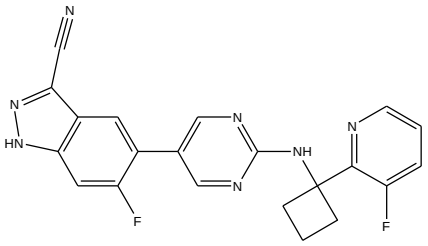

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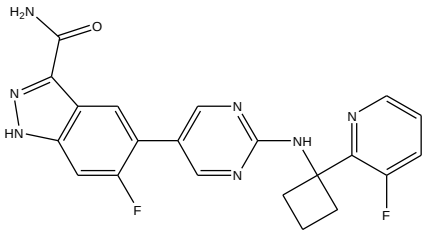

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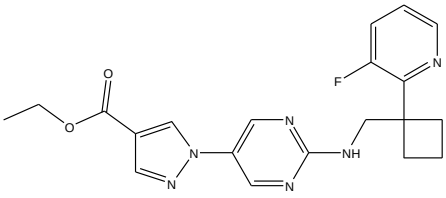

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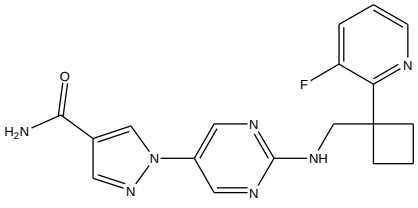

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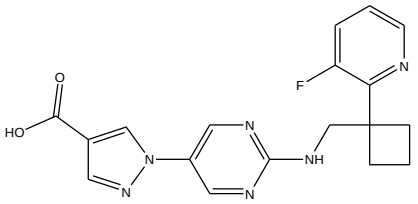

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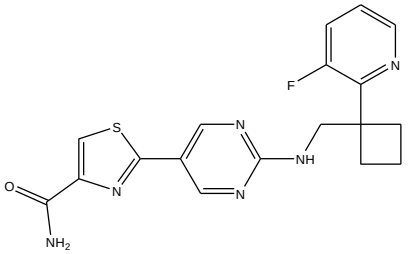

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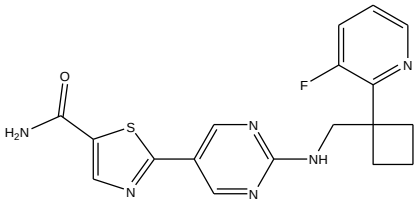

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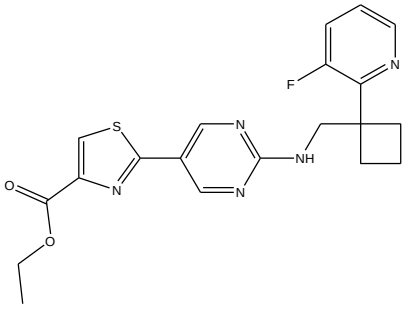

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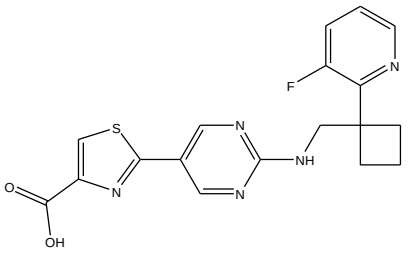

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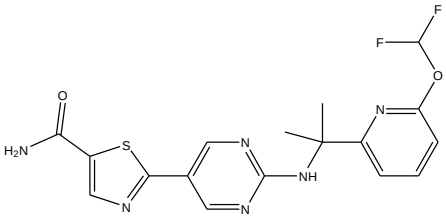

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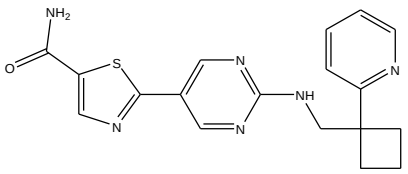

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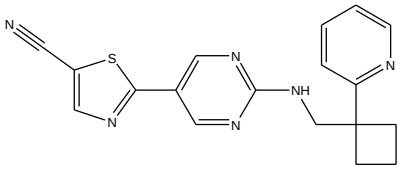

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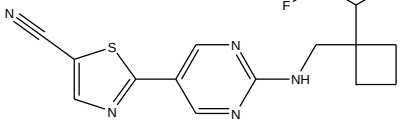

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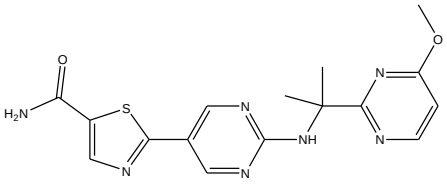

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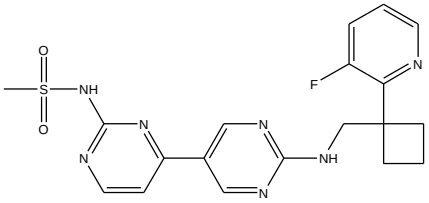

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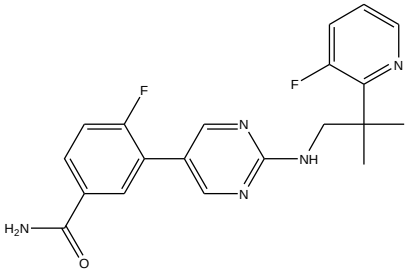

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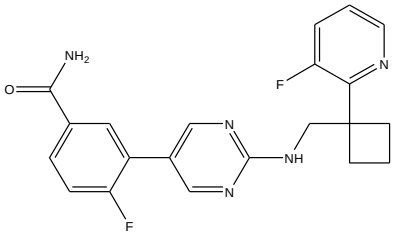

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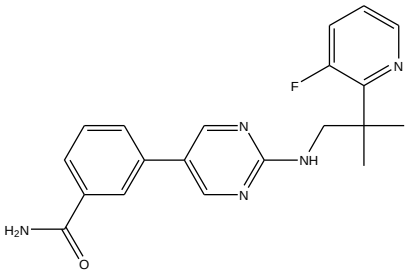

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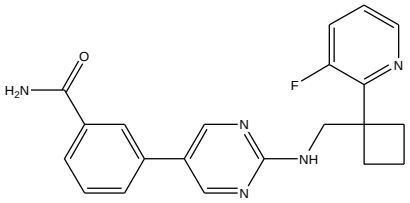

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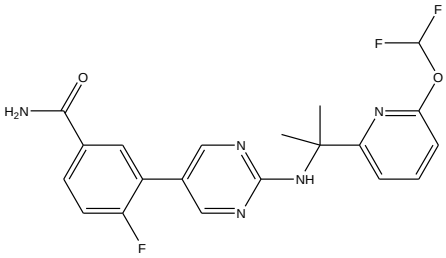

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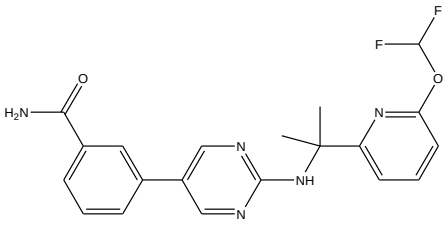

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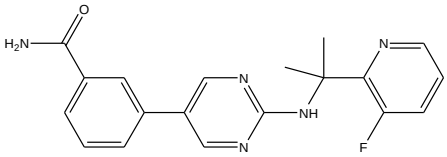

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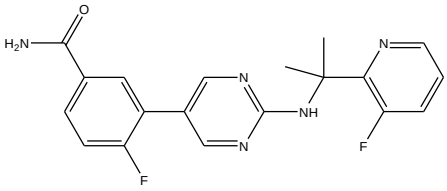

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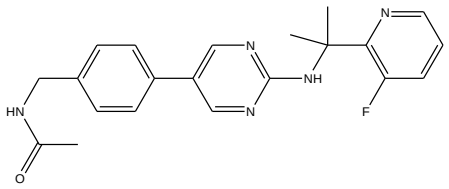

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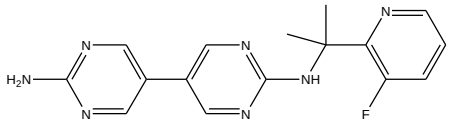

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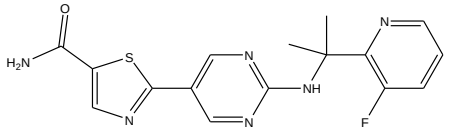

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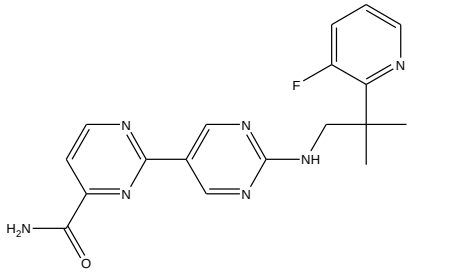

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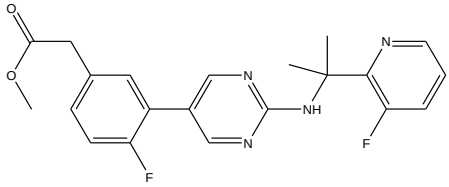

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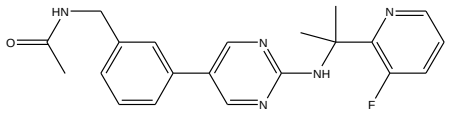

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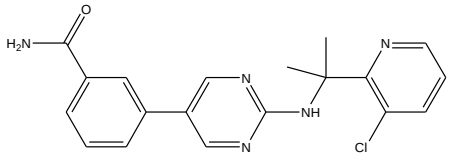

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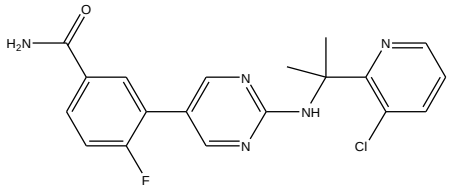

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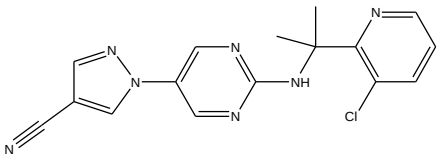

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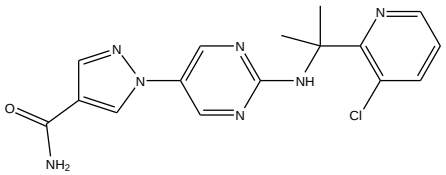

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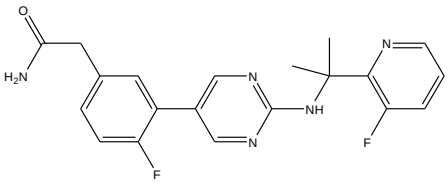

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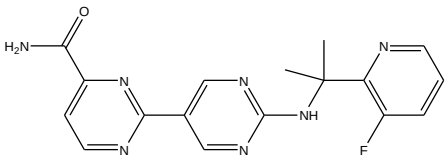

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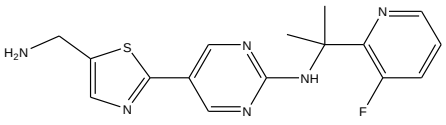

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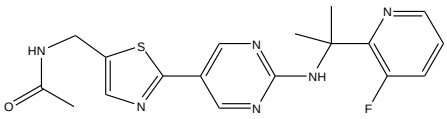

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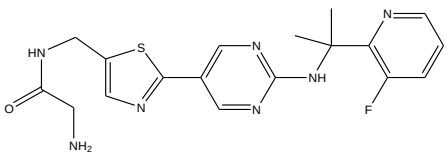

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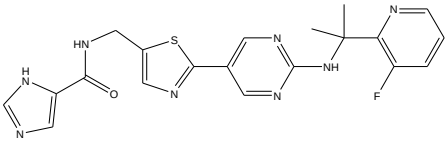

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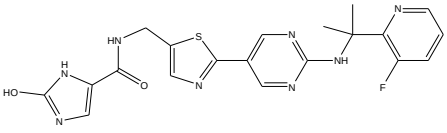

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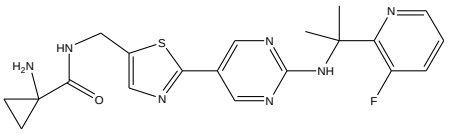

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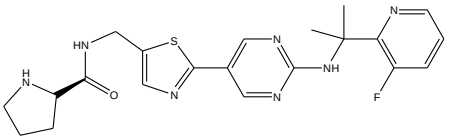

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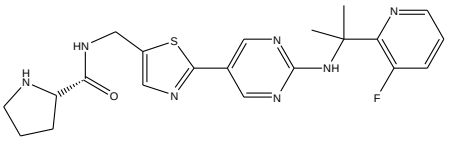

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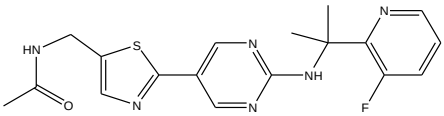

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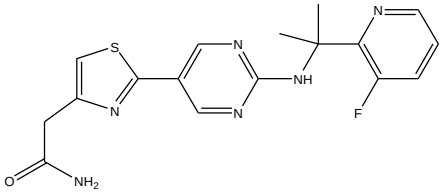

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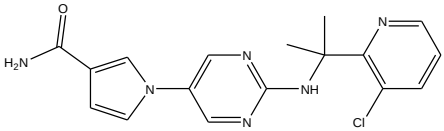

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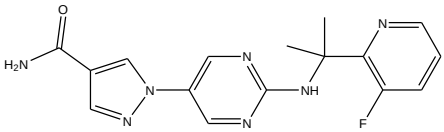

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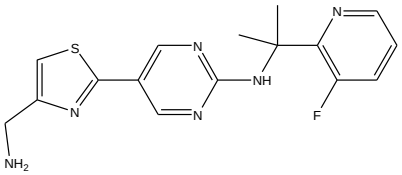

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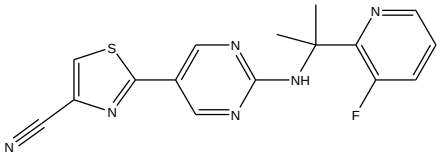

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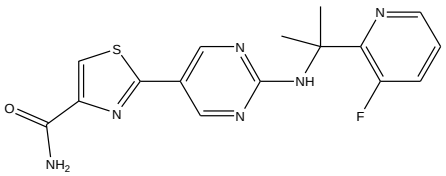

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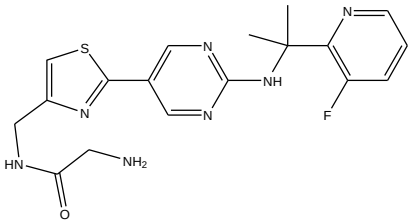

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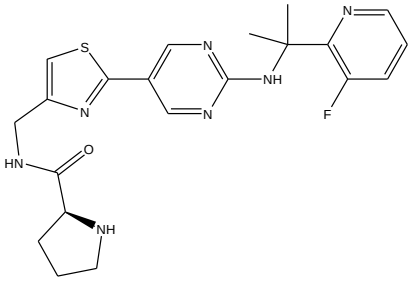

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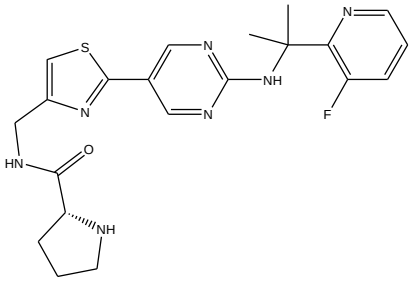

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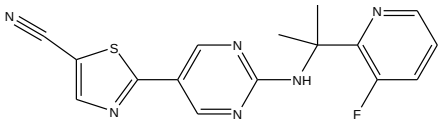

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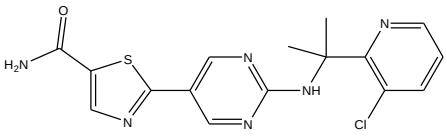

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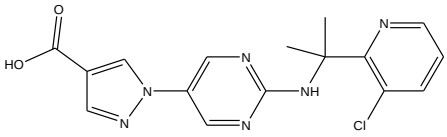

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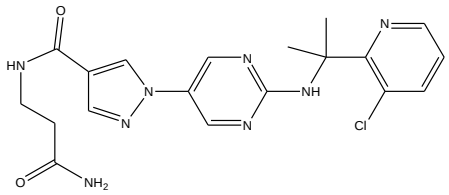

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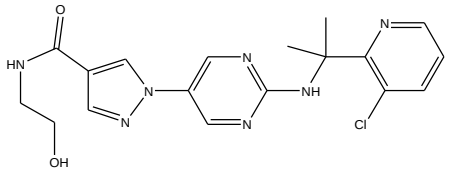

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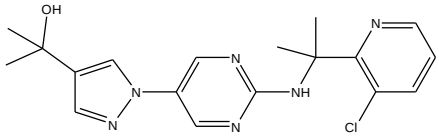

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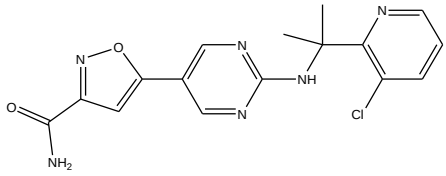

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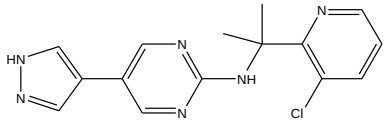

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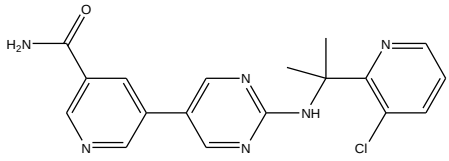

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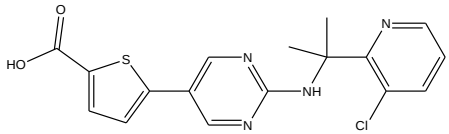

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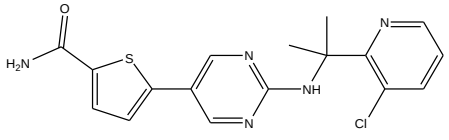

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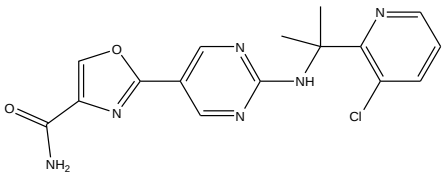

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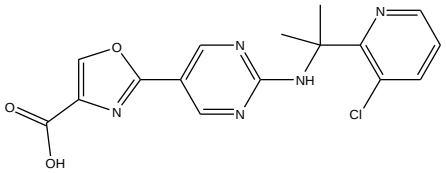

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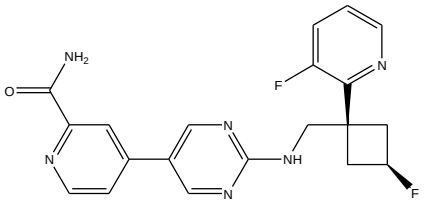

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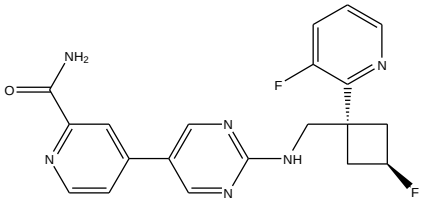

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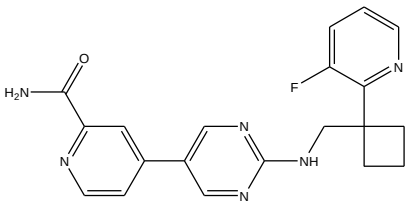

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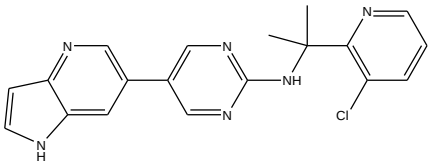

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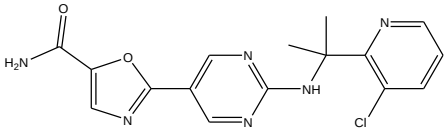

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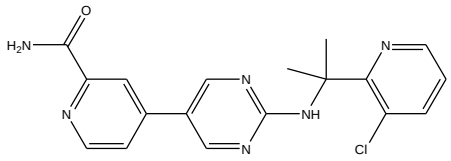

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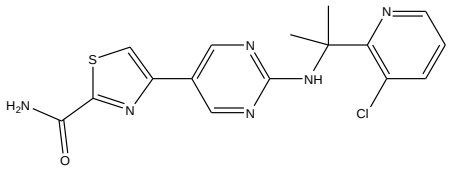

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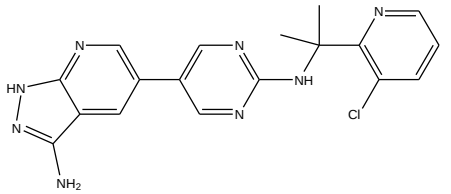

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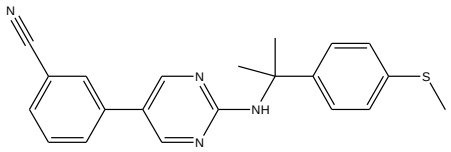

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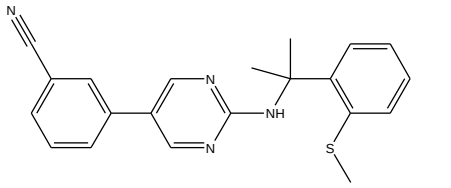

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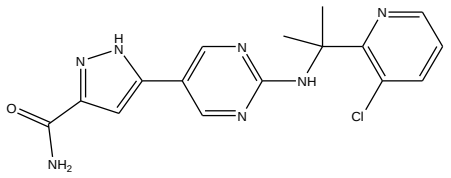

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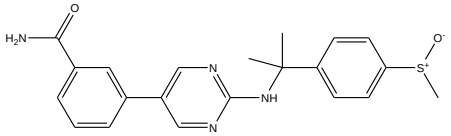

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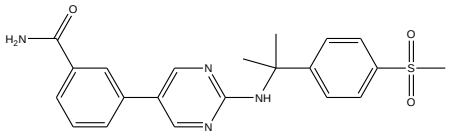

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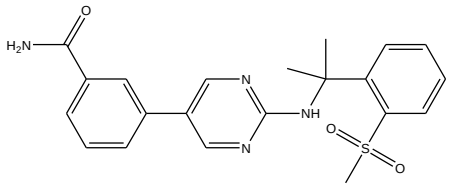

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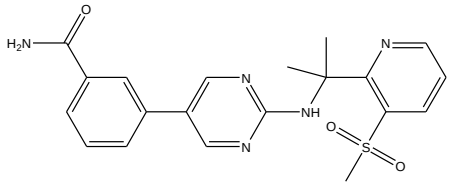

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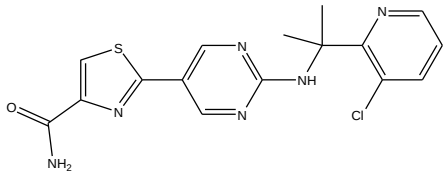

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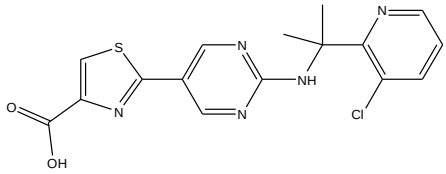

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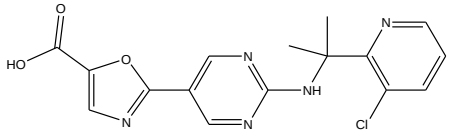

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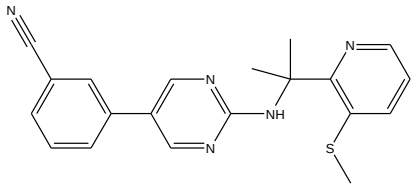

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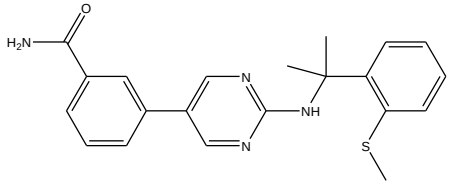

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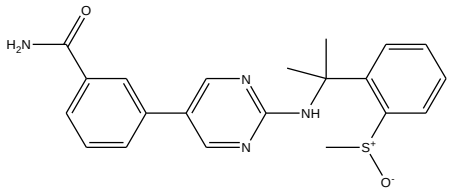

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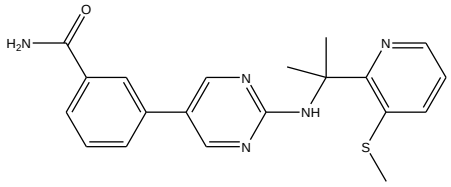

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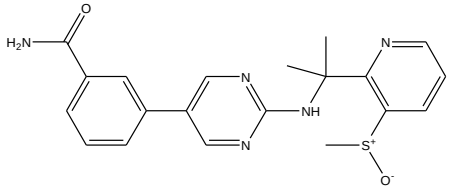

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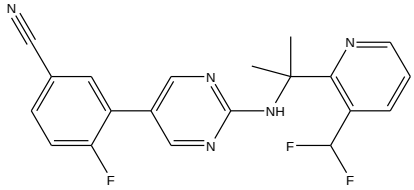

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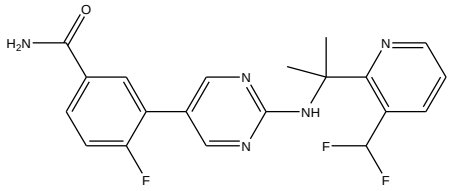

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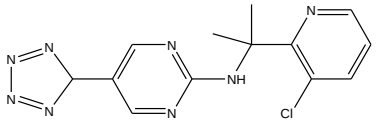

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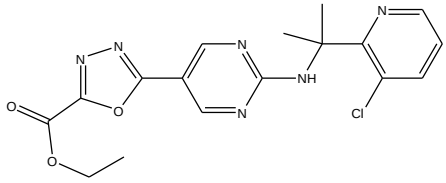

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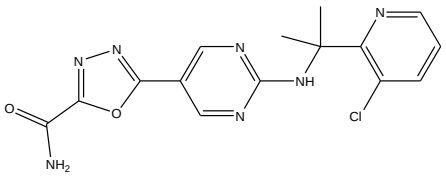

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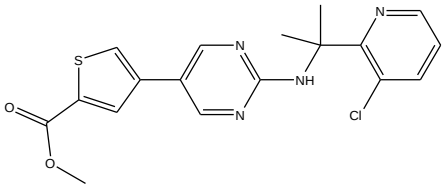

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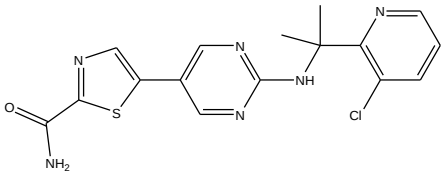

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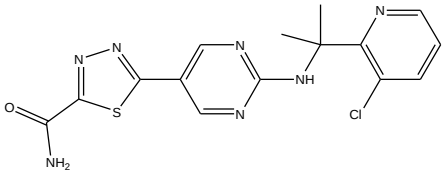

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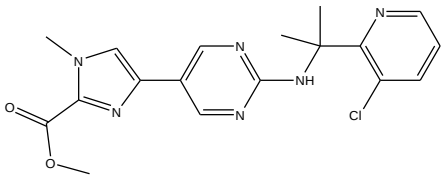

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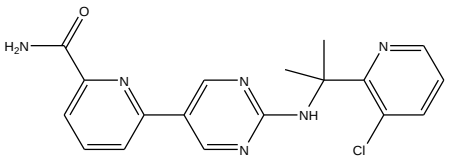

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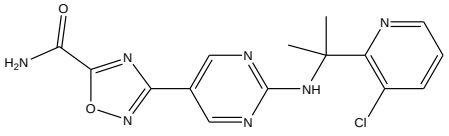

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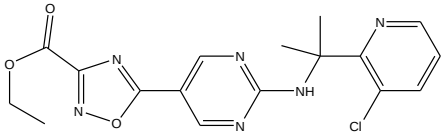

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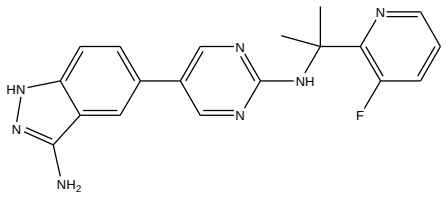

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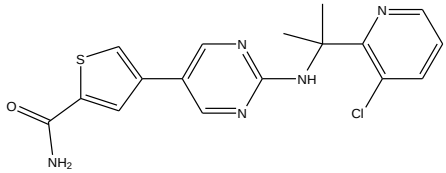

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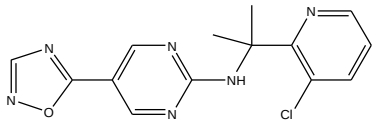

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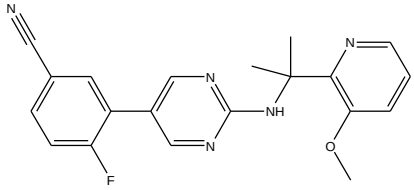

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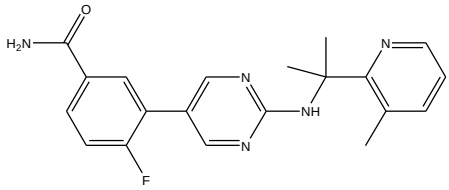

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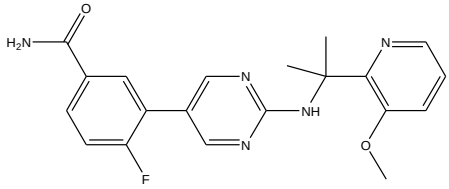

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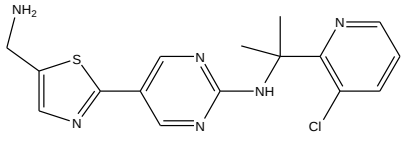

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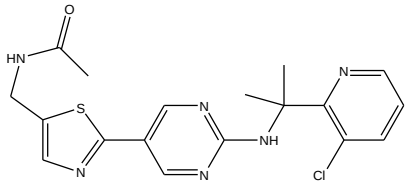

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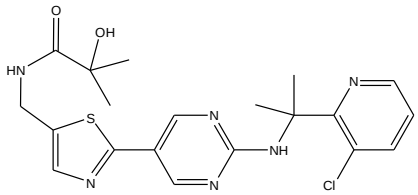

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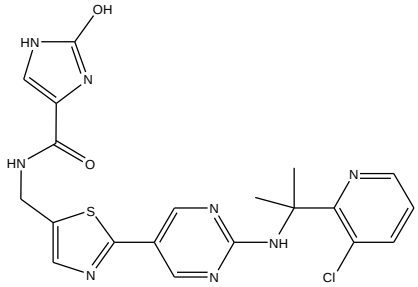

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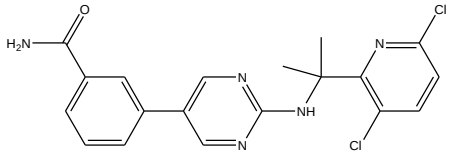

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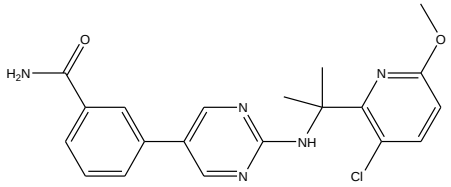

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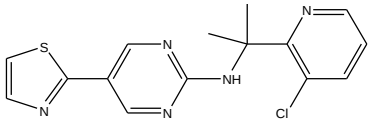

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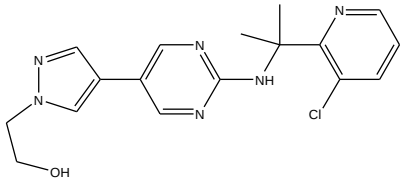

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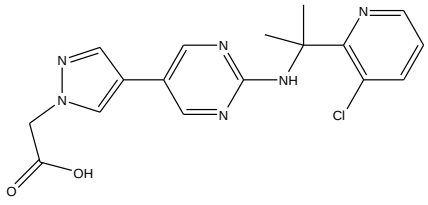

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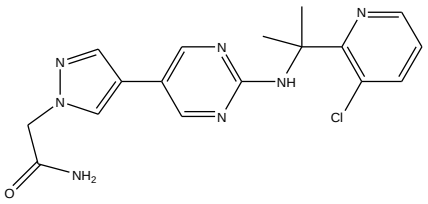

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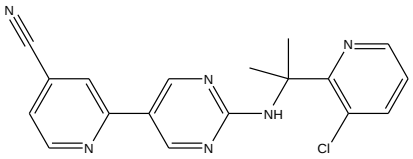

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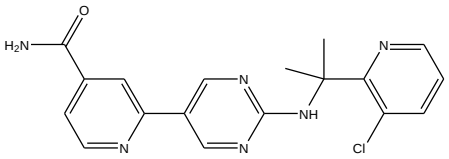

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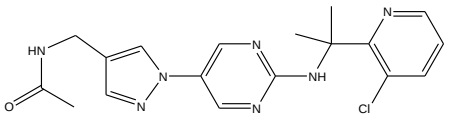

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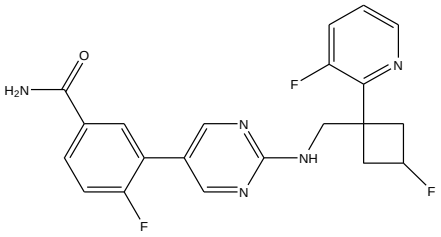

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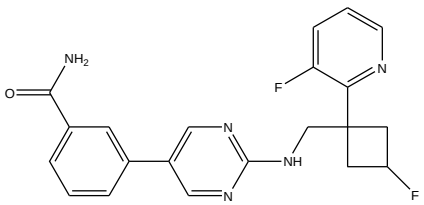

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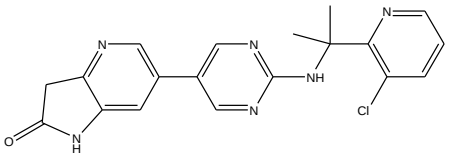

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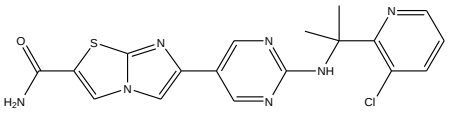

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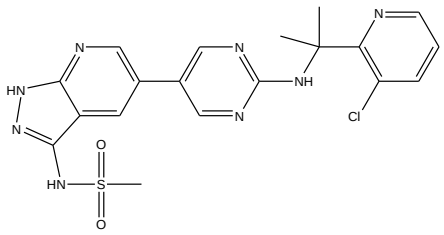

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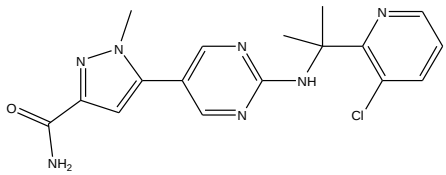

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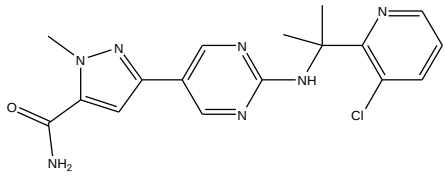

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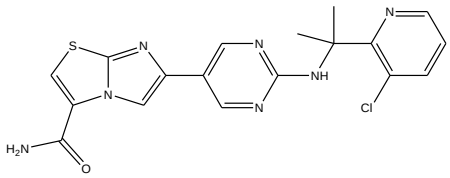

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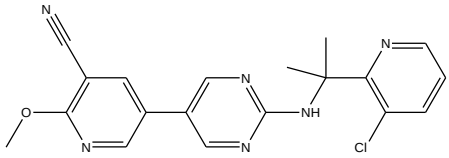

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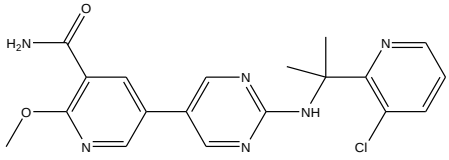

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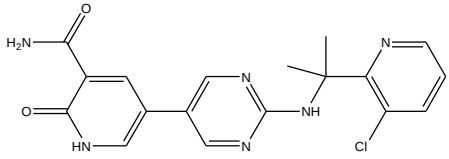

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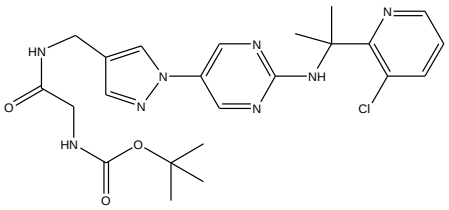

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NH2
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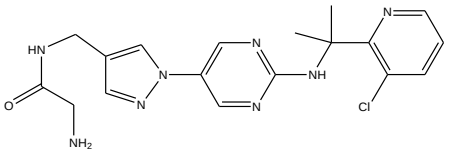

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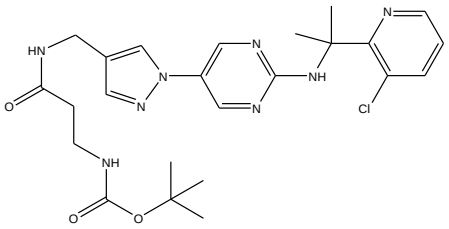

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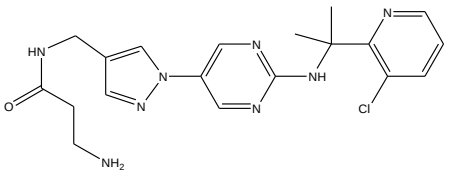

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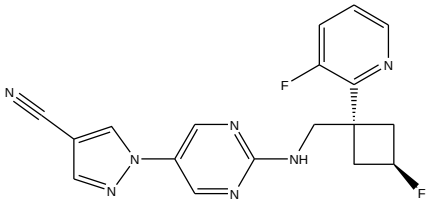

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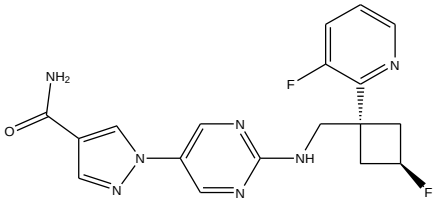

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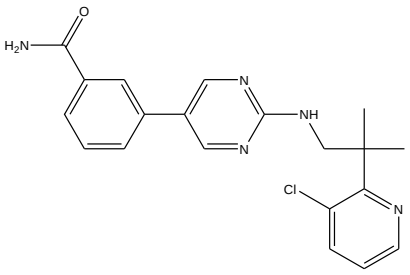

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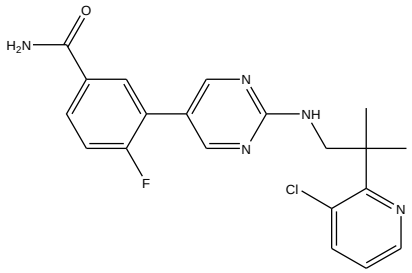

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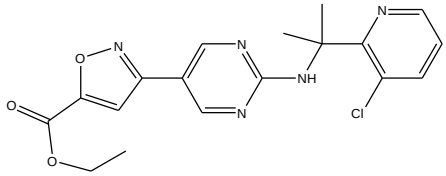

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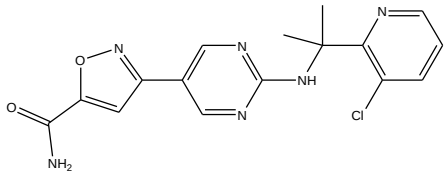

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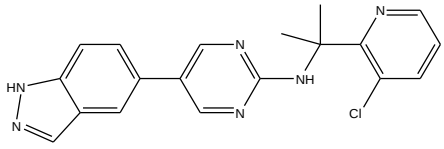

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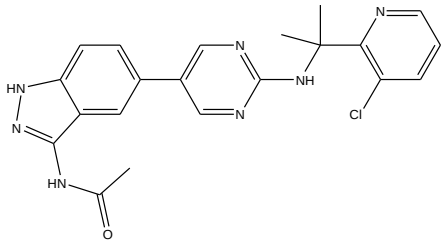

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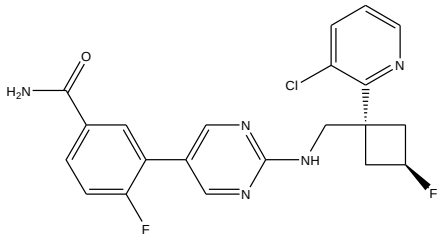

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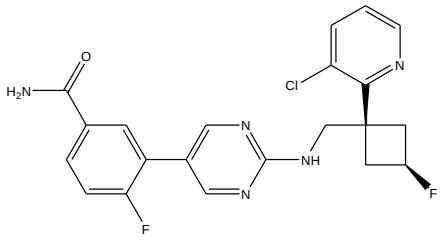

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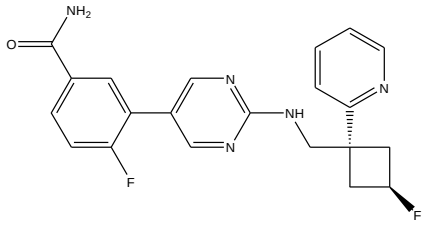

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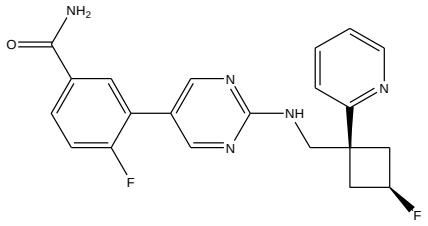

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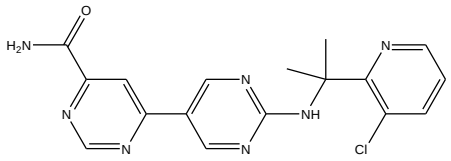

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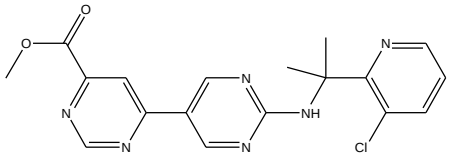

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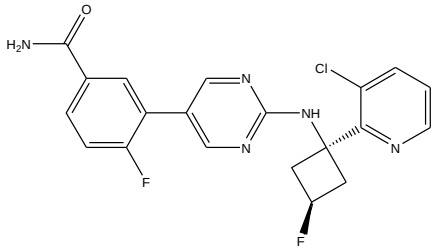

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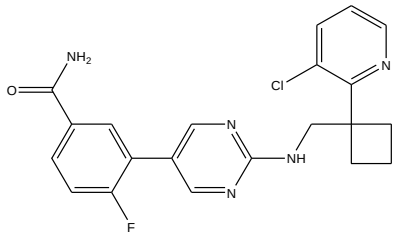

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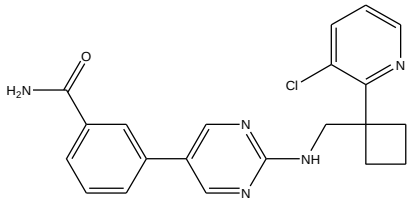

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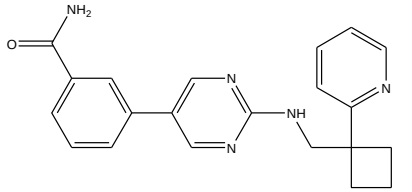

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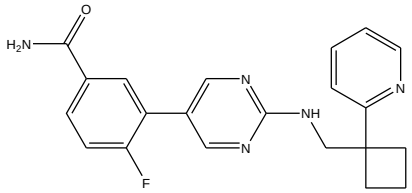

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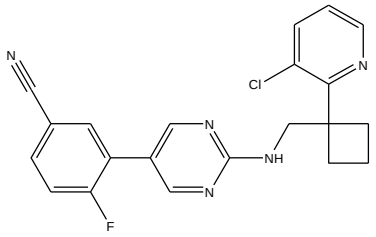

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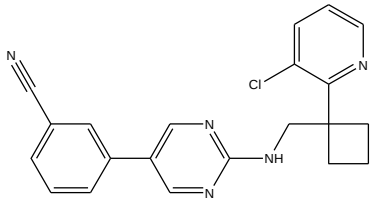

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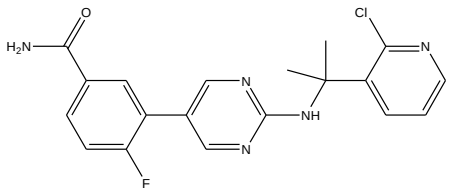

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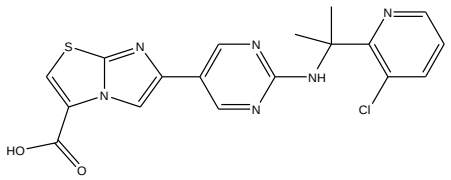

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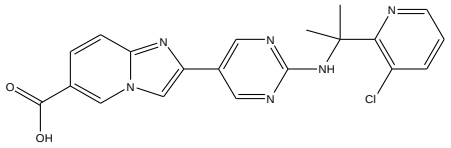

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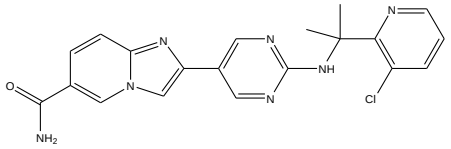

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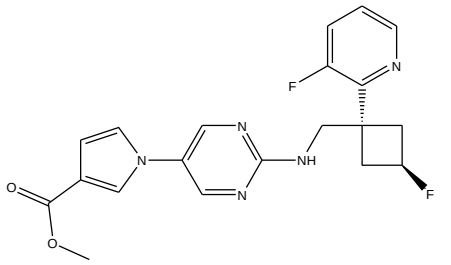

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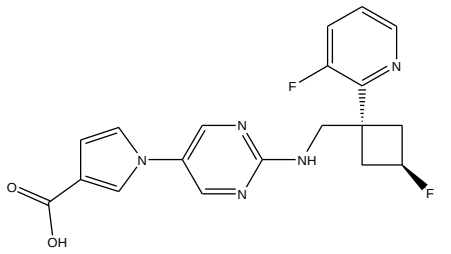

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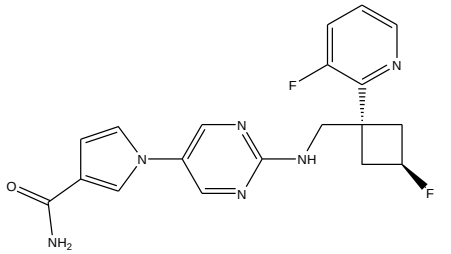

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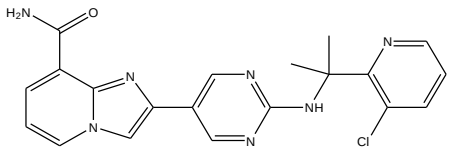

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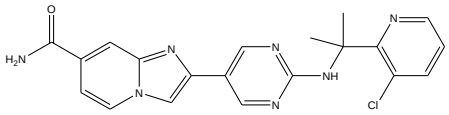

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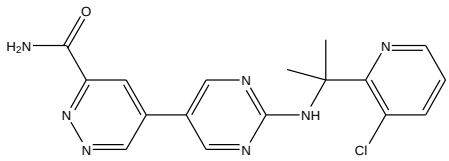

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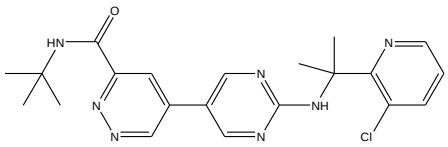

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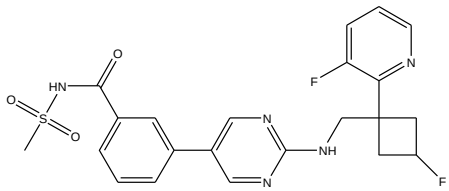

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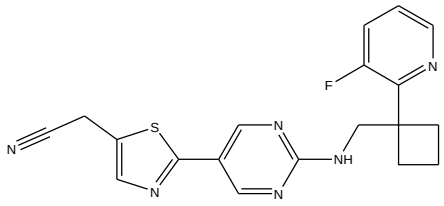

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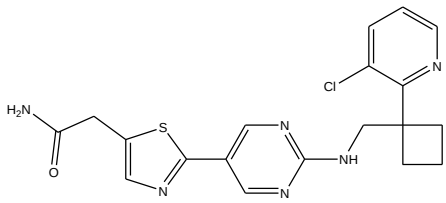

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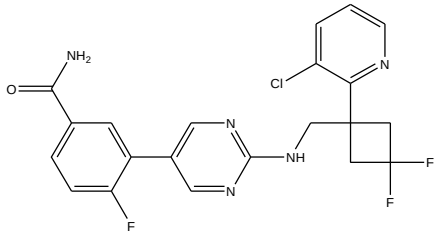

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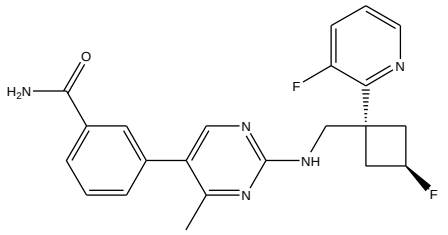

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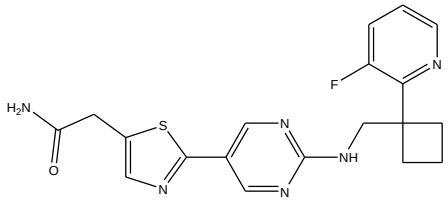

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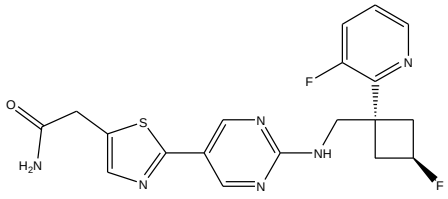

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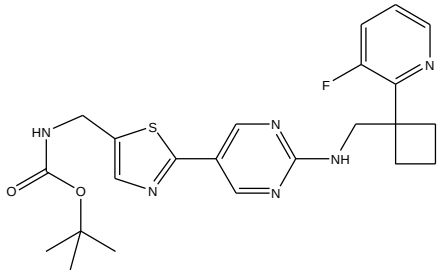

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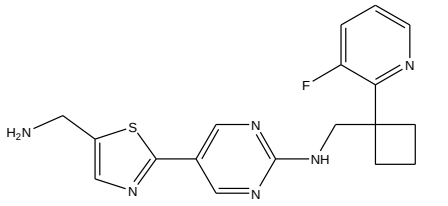

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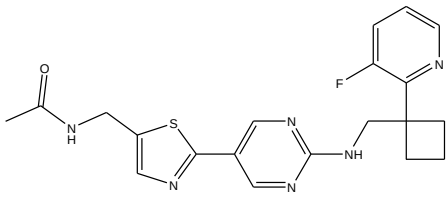

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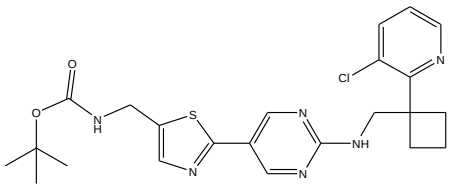

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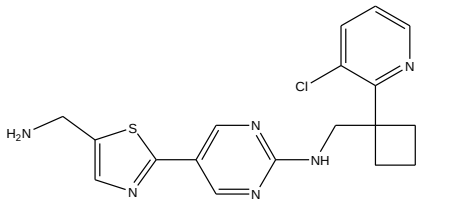

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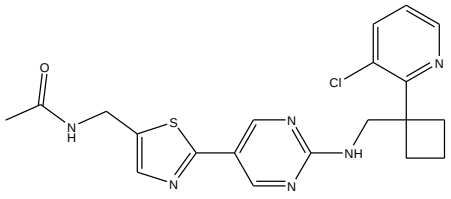

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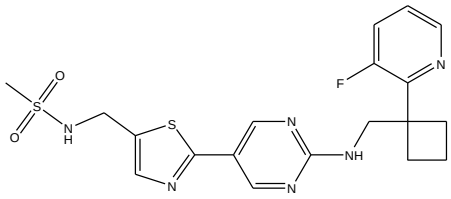

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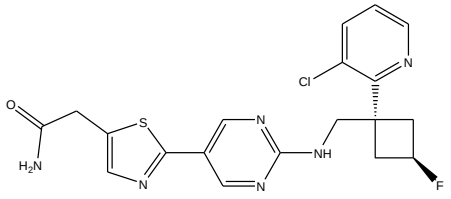

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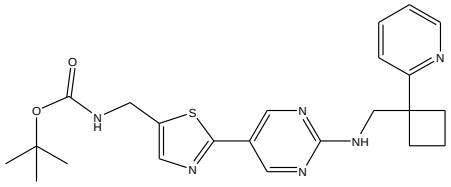

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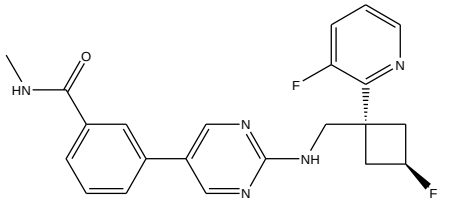

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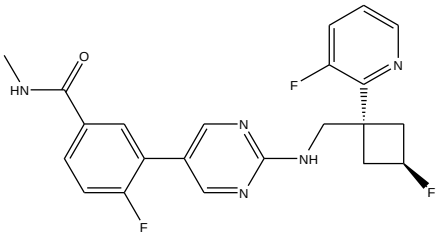

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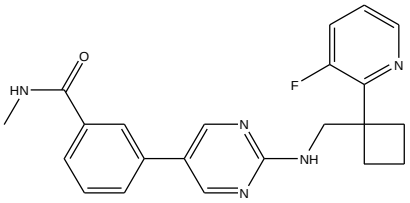

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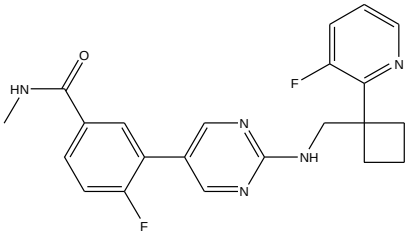

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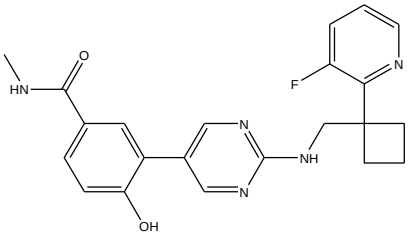

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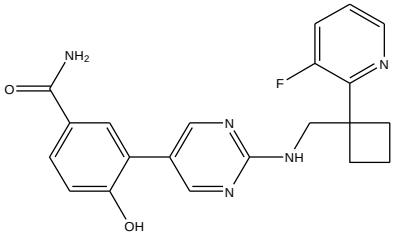

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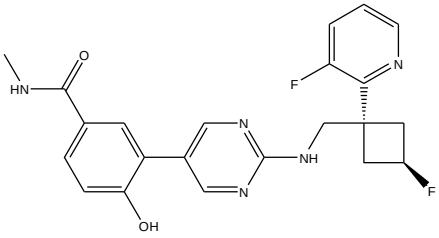

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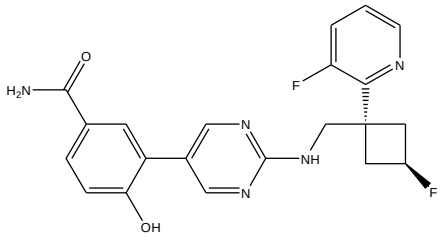

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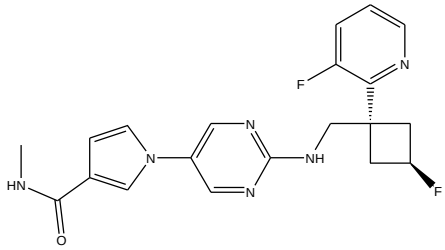

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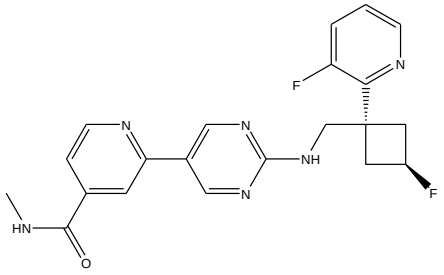

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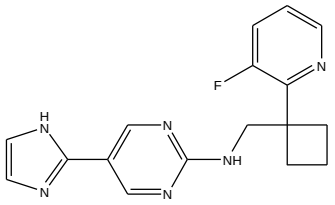

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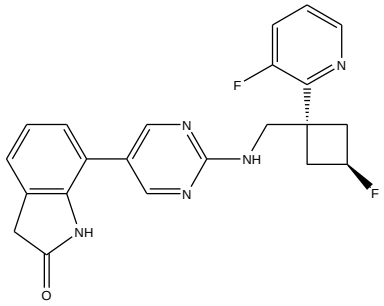

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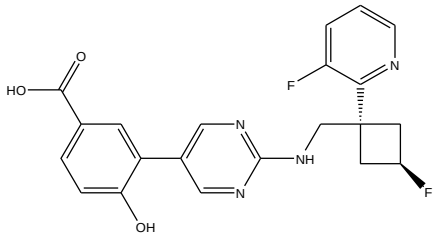

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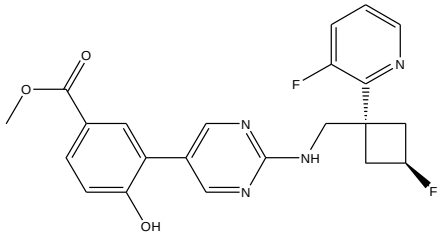

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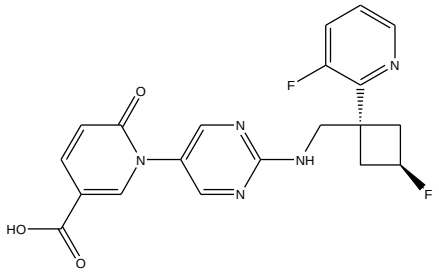

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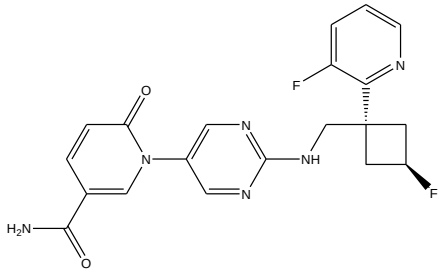

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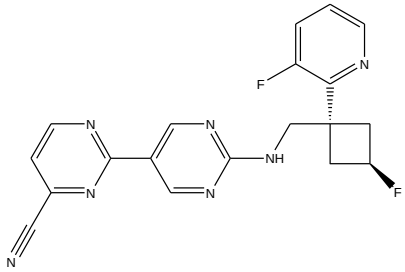

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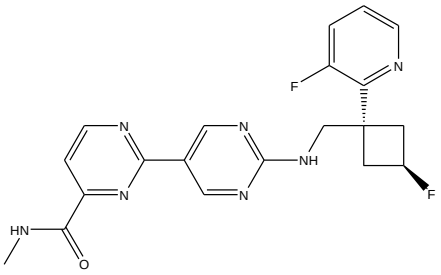

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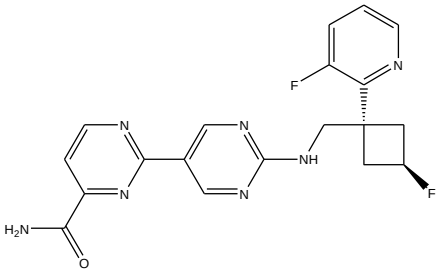

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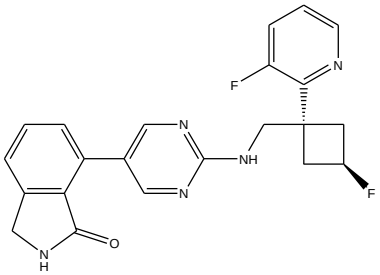

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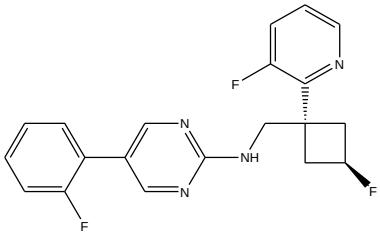

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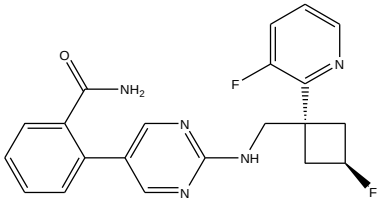

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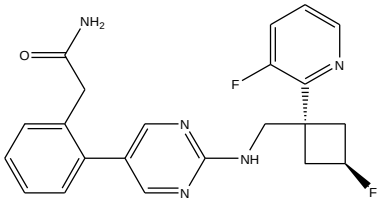

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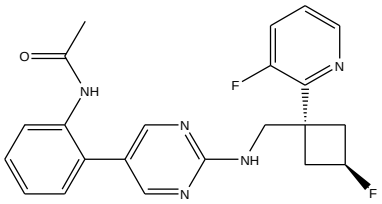

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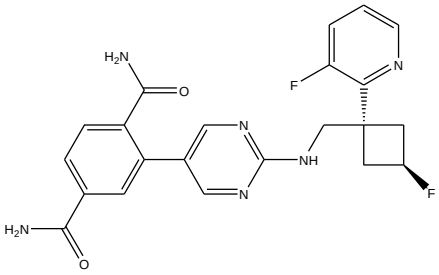

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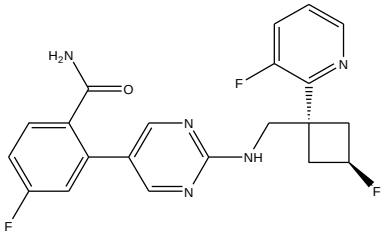

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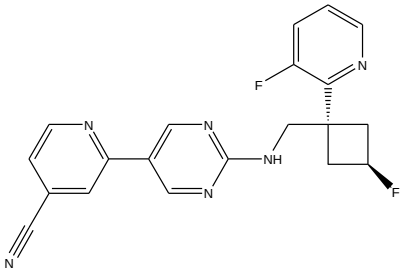

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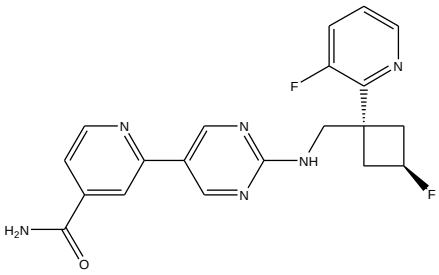

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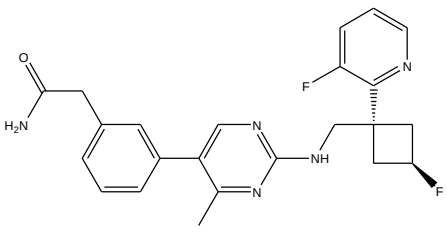

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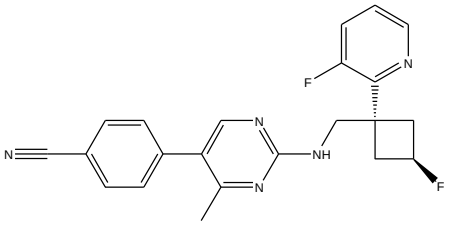

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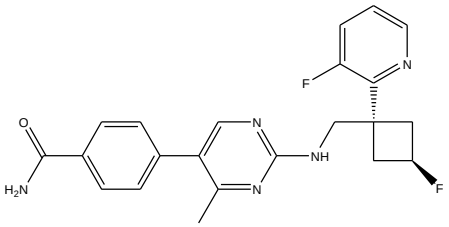

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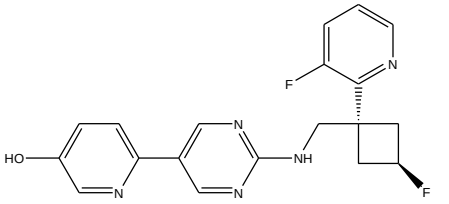

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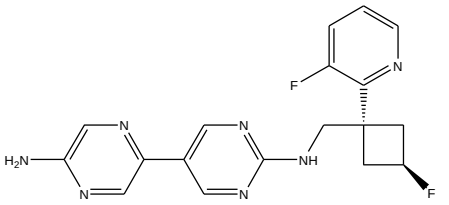

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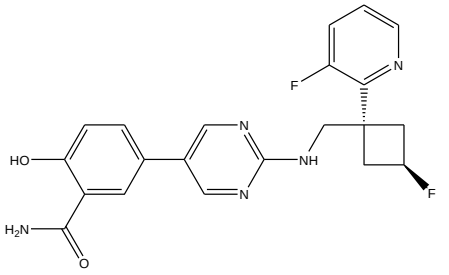

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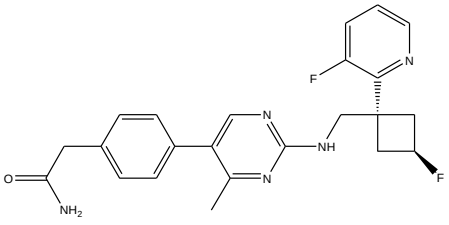

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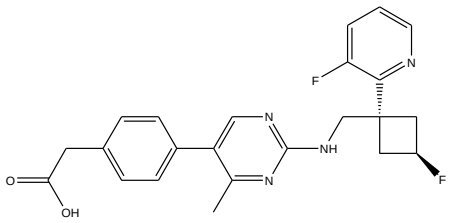

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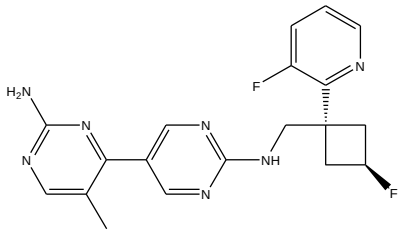

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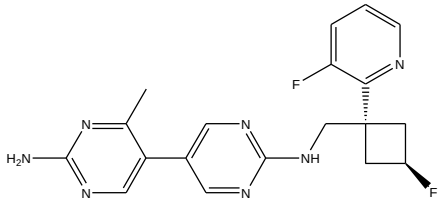

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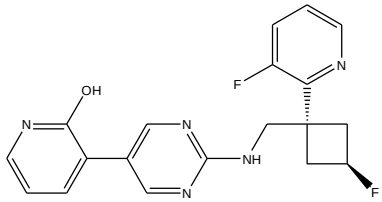

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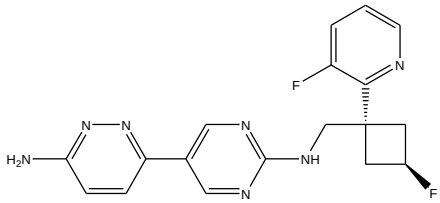

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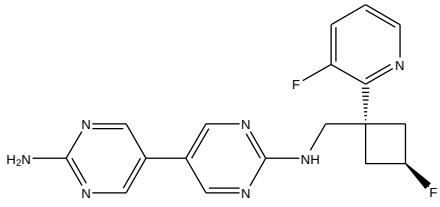

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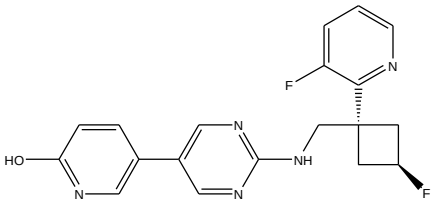

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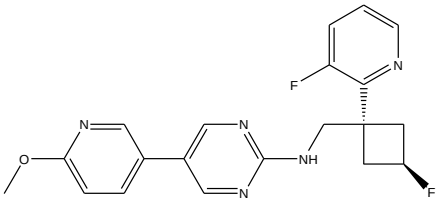

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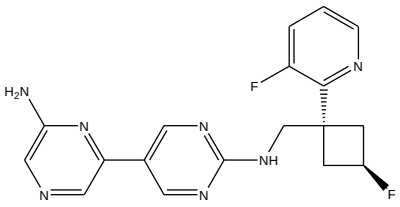

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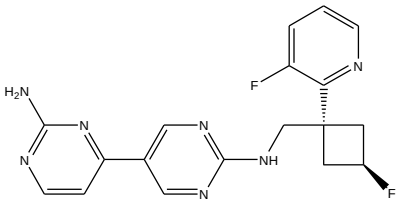

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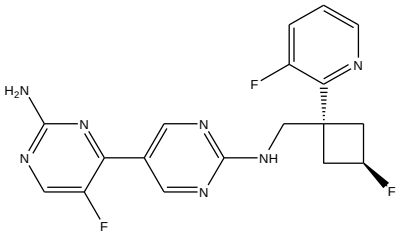

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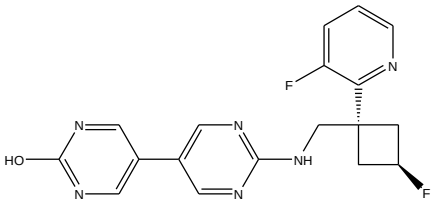

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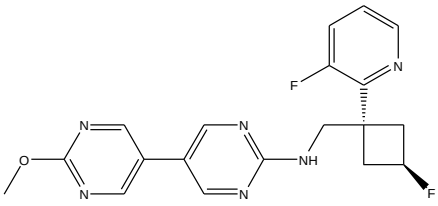

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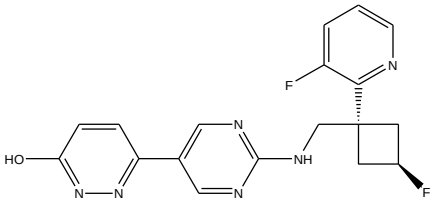

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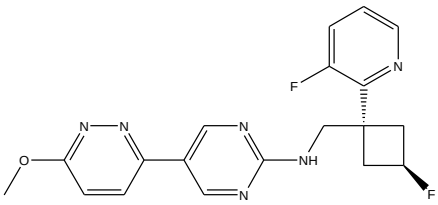

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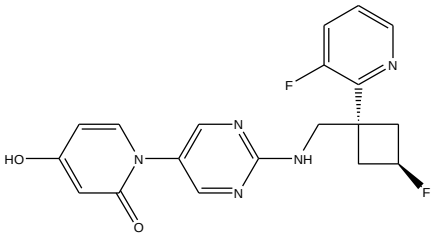

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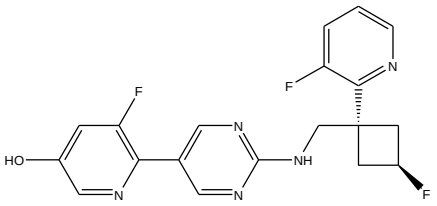

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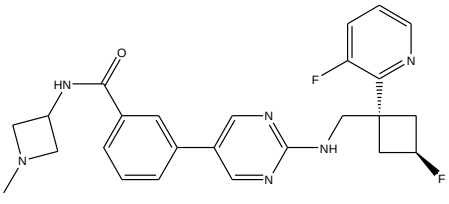

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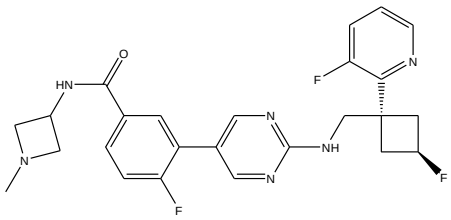

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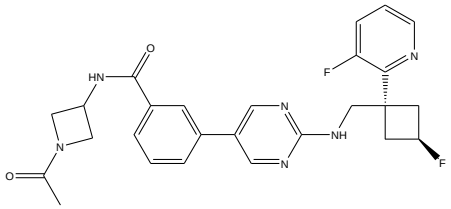

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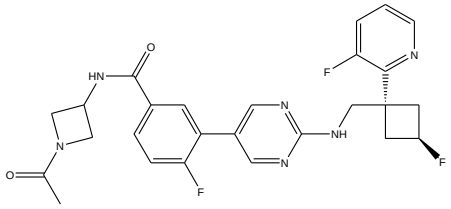

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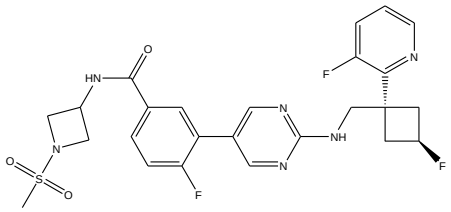

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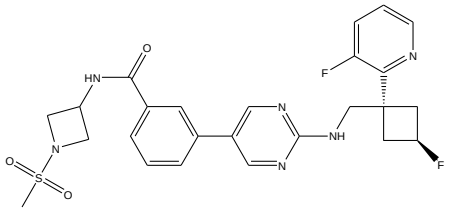

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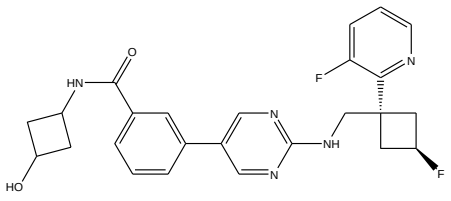

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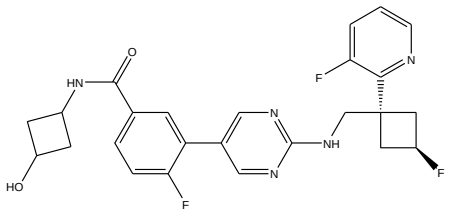

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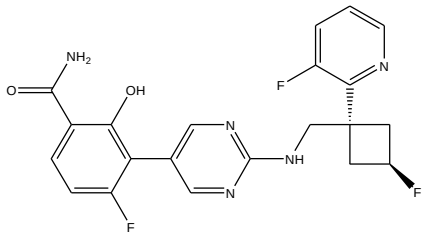

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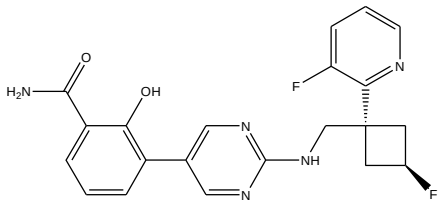

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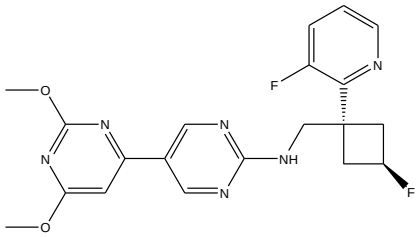

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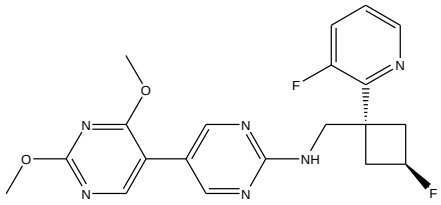

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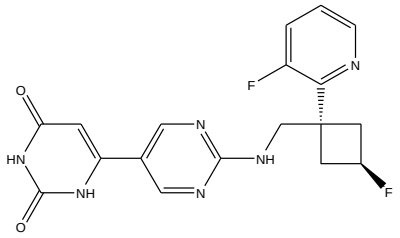

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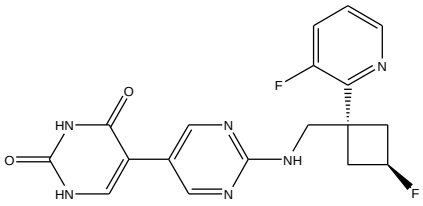

NH2
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NH
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H2N
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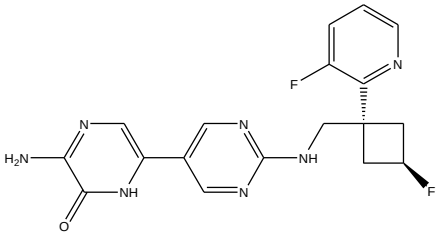

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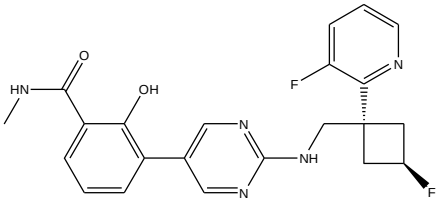

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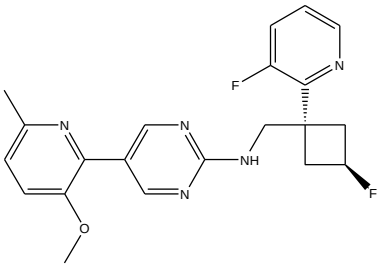
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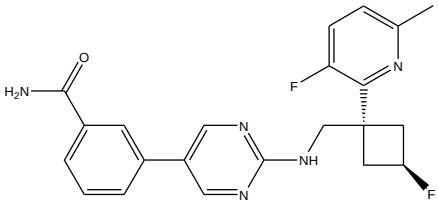
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or a pharmaceutically acceptable salt thereof.

56. A pharmaceutical composition comprising a compound of any one of claims 1 to 55, or a pharmaceutically acceptable salt thereof.

57. The pharmaceutical composition of claim 56, wherein the pharmaceutical composition is formulated for oral, sublingual, subcutaneous, parenteral, intravenous, intranasal, topical, transdermal, intraperitoneal, intramuscular, intrapulmonary, vaginal, rectal, or intraocular administration.

58. The pharmaceutical composition of claim 56, wherein the pharmaceutical composition is formulated for oral administration.

59. The use of a compound of any one of claims 1 to 55, or a pharmaceutically acceptable salt thereof, for the preparation of a medicament for the treatment of a disease or condition selected from neuromuscular disorders, conditions of muscle wasting, muscular myopathies, rehabilitation-related deficits, peripheral vascular disease, peripheral arterial disease, frailty, muscle atrophy and fatigue, metabolic syndrome, chronic fatigue syndrome and obesity.

60. The use of a compound of any one of claims 1 to 55, or a pharmaceutically acceptable salt thereof, for the preparation of a medicament for the treatment of Amyotrophic Lateral Sclerosis (ALS).

61. The use of a compound of any one of claims 1 to 55, or a pharmaceutically acceptable salt thereof, for the preparation of a medicament for the treatment of Spinal Muscular Atrophy (SMA).

62. The use of a compound of any one of claims 1 to 55, or a pharmaceutically acceptable salt thereof, for the preparation of a medicament for the treatment of myasthenia gravis.

63. The use of a compound of any one of claims 1 to 55, or a pharmaceutically acceptable salt thereof, for the preparation of a medicament for the treatment of a disease selected from peripheral vascular disease and peripheral arterial disease.

64. The use of a compound of any one of claims 1 to 55, or a pharmaceutically acceptable salt thereof, for the preparation of a medicament for the treatment of chronic pulmonary obstructive disorder (COPD).

65. The use of a compound of any one of claims 1 to 55, or a pharmaceutically acceptable salt thereof, for the preparation of a medicament for the treatment of heart failure.

66. The use of a compound of any one of claims 1 to 55, or a pharmaceutically acceptable salt thereof, for the preparation of a medicament for the treatment of frailty.