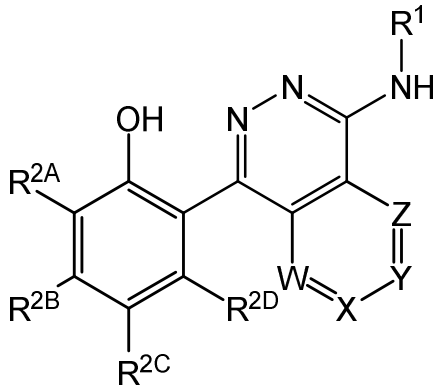
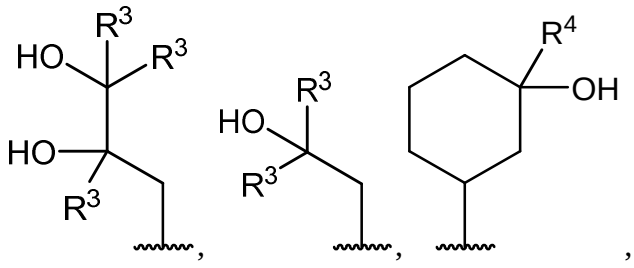
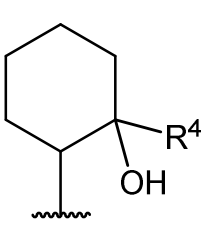
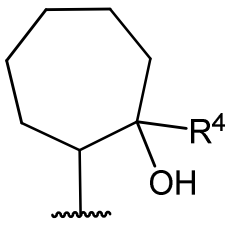
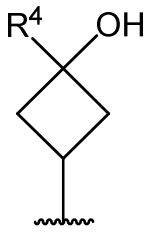
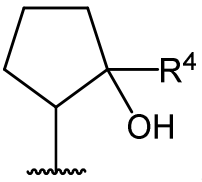
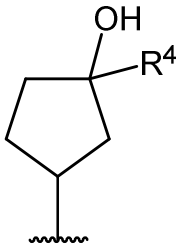
CLAIMS

1. A compound of Formula (I):



Formula (I)

or a pharmaceutically acceptable salt thereof, wherein

R^1 is selected from , , , , , , , , and ;

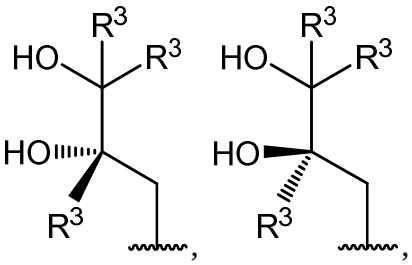
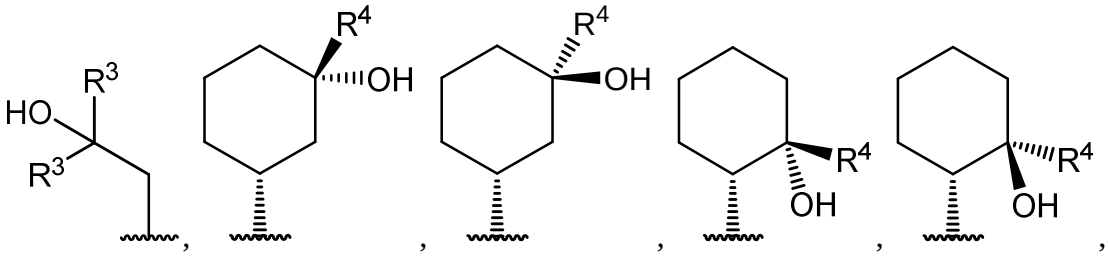
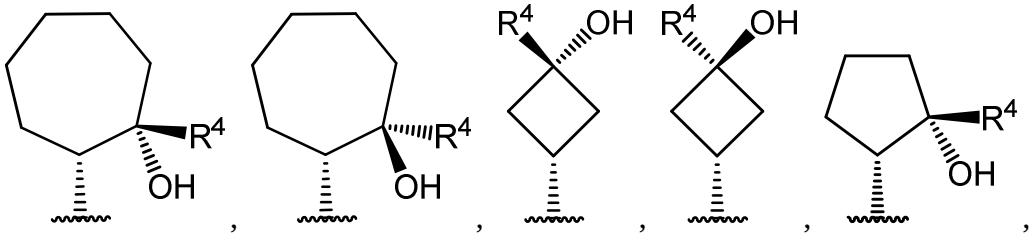
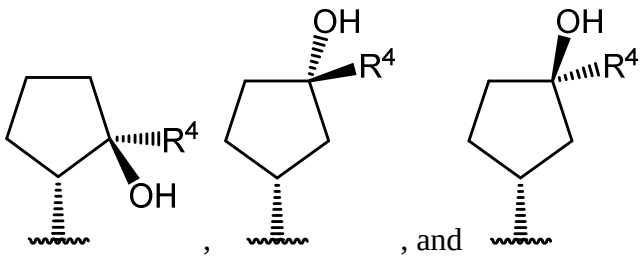
each R^3 is independently selected from -H and -C_{1-3} alkyl;

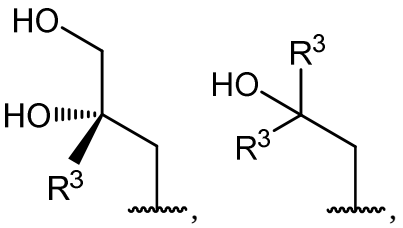
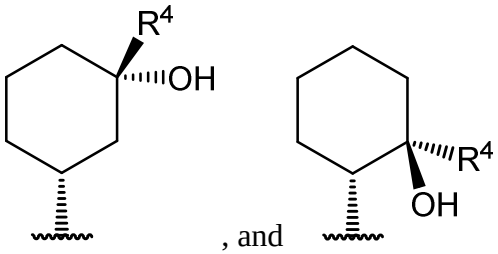
R^4 is selected from -H and -C_{1-3} alkyl;

R^{2A}, R^{2B}, R^{2C}, and R^{2D} are each independently selected from -H, -F, -Cl, -C_{1-3} alkyl substituted with 0-3 -F substituents, cyclopropyl, -OCF_3, and -SO_2Me;

W, X, Y and Z are each independently selected from CR^5 and N; zero or one of W, X, Y and Z are N, and the remainder of W, X, Y and Z are CR^5;

each R^5 is independently selected from -H, -Me and -F.

2. The compound of claim 1, wherein R^1 is selected from , , , , and .

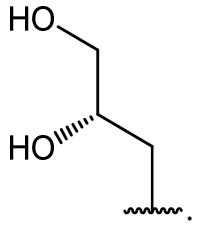
3. The compound of claim 1 wherein R^1 is selected from , , and .

4. The compound of any one of the preceding claims wherein each R^3 is independently selected from -H and -Me.

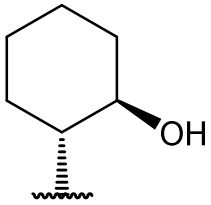
5. The compound of any one of the preceding claims, wherein each R^3 is -H.

6. The compound of any one of the preceding claims wherein R^4 is selected from -H and -Me.

7. The compound of any one of the preceding claims, wherein R^4 is -H.

8. The compound of any one of the preceding claims, wherein R^1 is 

.

9. The compound of any one of claims 1-7, wherein R^1 is 

.

10. The compound of any one of the preceding claims, wherein two, three or four of R^{2A}, R^{2B}, R^{2C}, and R^{2D} are -H, and the remainder of R^{2A}, R^{2B}, R^{2C}, and R^{2D} are not -H.

11. The compound of any one of the preceding claims, wherein two or three of R^{2A}, R^{2B}, R^{2C}, and R^{2D} are -H, and the remainder of R^{2A}, R^{2B}, R^{2C}, and R^{2D} are not -H.

12. The compound of any one of the preceding claims, wherein R^{2A} and R^{2C} are -H.

13. The compound of any one of the preceding claims, wherein R^{2B} is selected from -H, -F, -CF_3, and -SO_2Me.

14. The compound of any one of the preceding claims, wherein R^{2D} is selected from -H and -F.

15. The compound of any one of claims 1-12, wherein R^{2B} is selected from -H or -Cl, and R^{2D} is -F.

16. The compound of any one of the preceding claims, wherein R^{2B} is not -H.

17. The compound of any one claims 1-9, wherein R^{2A} is -H, R^{2B} is -CF_3, R^{2C} is -H, and R^{2D} is -H.

18. The compound of any one of the preceding claims, wherein W, X, Y and Z are each CR^5.

19. The compound of any one of claims 1-17, wherein W, X, and Z are each CR^5 and Y is N.

20. The compound of any one of the preceding claims, wherein one of W, X, Y and Z is CR^5; zero or one of W, X, Y and Z is N; and the remainder of W, X, Y and Z are CH.

21. The compound of any one of the preceding claims, wherein each R^5 is -H.

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

3-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]phthalazin-1-yl]amino]propane-1,2-diol;

3-[[4-(4-chloro-3-fluoro-2-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

3-[[4-(4,5-difluoro-2-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

3-[[4-(2-fluoro-6-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

3-[[4-(4-chloro-2-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

3-[[4-[2-hydroxy-4-(trifluoromethoxy)phenyl]phthalazin-1-yl]amino]propane-1,2-diol;

3-[[4-[2-fluoro-6-hydroxy-4-(trifluoromethyl)phenyl]phthalazin-1-yl]amino]propane-1,2-diol;

3-[[4-(2,4-difluoro-6-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

3-[[4-(4-chloro-2-fluoro-6-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

3-[[4-(2-chloro-6-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

3-[[4-(2-hydroxy-4-methyl-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

3-[[4-(2-hydroxy-5-methyl-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

3-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]-7-methyl-phthalazin-1-yl]amino]propane-1,2-diol;

3-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]-6-methyl-phthalazin-1-yl]amino]propane-1,2-diol;

2-[4-[[3-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[3-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-methylsulfonyl-phenol;

2-[4-[[2-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[2-hydroxycyclohexyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]phthalazin-1-yl]amino]cycloheptanol;

2-(4-((3-hydroxycyclohexyl)amino)phthalazin-1-yl)-5-(trifluoromethyl)phenol;

2-(4-((3-hydroxycyclobutyl)amino)phthalazin-1-yl)-5-(trifluoromethyl)phenol;

3-fluoro-2-(4-((3-hydroxy-3-methylcyclobutyl)amino)phthalazin-1-yl)phenol;

2-(4-((3-hydroxy-3-methylcyclobutyl)amino)phthalazin-1-yl)-5-(trifluoromethyl)phenol;

2-[4-[[3-hydroxy-3-methyl-cyclopentyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[1-[[3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-4-yl]-5-(trifluoromethyl)phenol;

5-chloro-2-[4-[[3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

3-fluoro-2-[4-[[3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

5-chloro-3-fluoro-2-[4-[[3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

3-fluoro-2-[4-[[3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

2-[4-[[3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethoxy)phenol;

2-[4-[[3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-3-(trifluoromethyl)phenol;

5-ethyl-2-[4-[[3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-cyclopropyl-2-[4-[[3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

4-fluoro-2-[4-[[3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

4-fluoro-2-[4-[[2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

3-fluoro-2-[4-[[2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethoxy)phenol;

5-chloro-3-fluoro-2-[4-[[2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-chloro-2-[4-[[2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

2-[4-[[3-hydroxy-3-methyl-cyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-(4-((3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)-5-(trifluoromethoxy)phenol;

3-fluoro-2-(4-((3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-chloro-2-fluoro-6-(4-((3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

4,5-difluoro-2-(4-((3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-fluoro-2-(4-((3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)-5-(trifluoromethyl)phenol;

5-chloro-2-(4-((3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3,5-difluoro-2-(4-((3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

2-[4-[(2-hydroxy-2-methyl-propyl)amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

5-chloro-2-[4-[(2-hydroxy-2-methyl-propyl)amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

2-[4-[(2-hydroxy-2-methyl-propyl)amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethoxy)phenol;

5-chloro-3-fluoro-2-[4-[(2-hydroxy-2-methyl-propyl)amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

3-fluoro-2-[4-[(2-hydroxy-2-methyl-propyl)amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

5-fluoro-2-(4-((2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-fluoro-2-(4-((2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-fluoro-2-(1-((2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

5-fluoro-2-(1-((2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

2-[4-[[2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[3-hydroxycyclopentyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-(4-((3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)-5-(trifluoromethyl)phenol;

5-fluoro-2-(4-((3-hydroxycyclopentyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-fluoro-2-(1-((3-hydroxycyclopentyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

3-[[1-[2-hydroxy-4-(trifluoromethyl)phenyl]pyrido[3,4-d]pyridazin-4-yl]amino]propane-1,2-diol;

2-[8-[[3-hydroxycyclohexyl]amino]pyrido[2,3-d]pyridazin-5-yl]-5-(trifluoromethyl)phenol;

3-fluoro-2-(8-((3-hydroxy-3-methylcyclobutyl)amino)pyrido[2,3-d]pyridazin-5-yl)phenol;

2-[8-[[3-hydroxycyclohexyl]amino]-2-methyl-pyrido[2,3-d]pyridazin-5-yl]-5-(trifluoromethyl)phenol; and

3-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]phthalazin-1-yl]amino]-2-methyl-propane-1,2-diol;

or a pharmaceutically acceptable salt thereof.

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

(2S)-3-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]phthalazin-1-yl]amino]propane-1,2-diol;

(2R)-3-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]phthalazin-1-yl]amino]propane-1,2-diol;

(2S)-3-[[4-(4-chloro-3-fluoro-2-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2R)-3-[[4-(4-chloro-3-fluoro-2-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2S)-3-[[4-(4,5-difluoro-2-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2R)-3-[[4-(4,5-difluoro-2-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2S)-3-[[4-(2-fluoro-6-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2R)-3-[[4-(2-fluoro-6-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2S)-3-[[4-(4-chloro-2-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2R)-3-[[4-(4-chloro-2-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2S)-3-[[4-[2-hydroxy-4-(trifluoromethoxy)phenyl]phthalazin-1-yl]amino]propane-1,2-diol;

(2R)-3-[[4-[2-hydroxy-4-(trifluoromethoxy)phenyl]phthalazin-1-yl]amino]propane-1,2-diol;

(2S)-3-[[4-[2-fluoro-6-hydroxy-4-(trifluoromethyl)phenyl]phthalazin-1-yl]amino]propane-1,2-diol;

(2R)-3-[[4-[2-fluoro-6-hydroxy-4-(trifluoromethyl)phenyl]phthalazin-1-yl]amino]propane-1,2-diol;

(2S)-3-[[4-(2,4-difluoro-6-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2R)-3-[[4-(2,4-difluoro-6-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2S)-3-[[4-(4-chloro-2-fluoro-6-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2R)-3-[[4-(4-chloro-2-fluoro-6-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2S)-3-[[4-(2-chloro-6-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2R)-3-[[4-(2-chloro-6-hydroxy-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2S)-3-[[4-(2-hydroxy-4-methyl-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2R)-3-[[4-(2-hydroxy-4-methyl-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2S)-3-[[4-(2-hydroxy-5-methyl-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2R)-3-[[4-(2-hydroxy-5-methyl-phenyl)phthalazin-1-yl]amino]propane-1,2-diol;

(2S)-3-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]-7-methyl-phthalazin-1-yl]amino]propane-1,2-diol;

(2R)-3-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]-7-methyl-phthalazin-1-yl]amino]propane-1,2-diol;

(2S)-3-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]-6-methyl-phthalazin-1-yl]amino]propane-1,2-diol;

(2R)-3-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]-6-methyl-phthalazin-1-yl]amino]propane-1,2-diol;

2-[4-[[(1R,3R)-3-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1S,3S)-3-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1R,3S)-3-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1S,3R)-3-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1R,3R)-3-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-methylsulfonyl-phenol;

2-[4-[[(1S,3S)-3-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-methylsulfonyl-phenol;

2-[4-[[(1R,3S)-3-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-methylsulfonyl-phenol;

2-[4-[[(1S,3R)-3-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-methylsulfonyl-phenol;

2-[4-[[(1R,2S)-2-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1R,2R)-2-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1S,2R)-2-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1S,2S)-2-hydroxycyclopentyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1R,2S)-2-hydroxycyclohexyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1R,2R)-2-hydroxycyclohexyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1S,2R)-2-hydroxycyclohexyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1S,2S)-2-hydroxycyclohexyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

(1R,2R)-2-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]phthalazin-1-yl]amino]cycloheptanol;

(1S,2S)-2-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]phthalazin-1-yl]amino]cycloheptanol;

(1R,2S)-2-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]phthalazin-1-yl]amino]cycloheptanol;

(1S,2R)-2-[[4-[2-hydroxy-4-(trifluoromethyl)phenyl]phthalazin-1-yl]amino]cycloheptanol;

2-(4-(((1R,3R)-3-hydroxycyclohexyl)amino)phthalazin-1-yl)-5-(trifluoromethyl)phenol;

2-(4-(((1S,3S)-3-hydroxycyclohexyl)amino)phthalazin-1-yl)-5-(trifluoromethyl)phenol;

2-[4-[[(1S,3R)-3-hydroxycyclohexyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1R,3S)-3-hydroxycyclohexyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

2-(4-(((1r,3r)-3-hydroxycyclobutyl)amino)phthalazin-1-yl)-5-(trifluoromethyl)phenol;

2-[4-[[(1s,3s)-3-hydroxycyclobutyl]amino]phthalazin-1-yl]-5-(trifluoromethyl)phenol;

3-fluoro-2-(4-(((1s,3s)-3-hydroxy-3-methylcyclobutyl)amino)phthalazin-1-yl)phenol;

3-fluoro-2-(4-(((1r,3r)-3-hydroxy-3-methylcyclobutyl)amino)phthalazin-1-yl)phenol;

2-(4-(((1s,3s)-3-hydroxy-3-methylcyclobutyl)amino)phthalazin-1-yl)-5-(trifluoromethyl)phenol;

2-(4-(((1r,3r)-3-hydroxy-3-methylcyclobutyl)amino)phthalazin-1-yl)-5-(trifluoromethyl)phenol;

2-[4-[[(1R,3R)-3-hydroxy-3-methyl-cyclopentyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1R,3S)-3-hydroxy-3-methyl-cyclopentyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1S,3S)-3-hydroxy-3-methyl-cyclopentyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1S,3R)-3-hydroxy-3-methyl-cyclopentyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1R,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1S,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1R,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1S,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[1-[[(1R,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-4-yl]-5-(trifluoromethyl)phenol;

2-[1-[[(1S,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-4-yl]-5-(trifluoromethyl)phenol;

2-[1-[[(1R,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-4-yl]-5-(trifluoromethyl)phenol;

2-[1-[[(1S,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-4-yl]-5-(trifluoromethyl)phenol;

5-chloro-2-[4-[[(1R,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-chloro-2-[4-[[(1S,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-chloro-2-[4-[[(1R,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-chloro-2-[4-[[(1S,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

3-fluoro-2-[4-[[(1R,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

3-fluoro-2-[4-[[(1S,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

3-fluoro-2-[4-[[(1R,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

3-fluoro-2-[4-[[(1S,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

5-chloro-3-fluoro-2-[4-[[(1R,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-chloro-3-fluoro-2-[4-[[(1S,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-chloro-3-fluoro-2-[4-[[(1R,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-chloro-3-fluoro-2-[4-[[(1S,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

3-fluoro-2-[4-[[(1R,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

3-fluoro-2-[4-[[(1S,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

3-fluoro-2-[4-[[(1R,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

3-fluoro-2-[4-[[(1S,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

2-[4-[[(1R,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethoxy)phenol;

2-[4-[[(1S,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethoxy)phenol;

2-[4-[[(1R,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethoxy)phenol;

2-[4-[[(1S,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethoxy)phenol;

2-[4-[[(1R,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-3-(trifluoromethyl)phenol;

2-[4-[[(1S,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-3-(trifluoromethyl)phenol;

2-[4-[[(1R,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-3-(trifluoromethyl)phenol;

2-[4-[[(1S,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-3-(trifluoromethyl)phenol;

5-ethyl-2-[4-[[(1R,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-ethyl-2-[4-[[(1S,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-ethyl-2-[4-[[(1R,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-ethyl-2-[4-[[(1S,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-cyclopropyl-2-[4-[[(1R,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-cyclopropyl-2-[4-[[(1S,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-cyclopropyl-2-[4-[[(1R,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-cyclopropyl-2-[4-[[(1S,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

4-fluoro-2-[4-[[(1R,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

4-fluoro-2-[4-[[(1S,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

4-fluoro-2-[4-[[(1R,3R)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

4-fluoro-2-[4-[[(1S,3S)-3-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

4-fluoro-2-[4-[[(1R,2R)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

4-fluoro-2-[4-[[(1S,2R)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

4-fluoro-2-[4-[[(1R,2S)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

4-fluoro-2-[4-[[(1S,2S)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

3-fluoro-2-[4-[[(1R,2R)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

3-fluoro-2-[4-[[(1R,2S)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

3-fluoro-2-[4-[[(1S,2R)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

3-fluoro-2-[4-[[(1S,2S)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1R,2R)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethoxy)phenol;

2-[4-[[(1S,2S)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethoxy)phenol;

2-[4-[[(1R,2S)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethoxy)phenol;

2-[4-[[(1S,2R)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethoxy)phenol;

5-chloro-3-fluoro-2-[4-[[(1R,2R)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-chloro-3-fluoro-2-[4-[[(1S,2S)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-chloro-3-fluoro-2-[4-[[(1R,2S)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-chloro-3-fluoro-2-[4-[[(1S,2R)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-chloro-2-[4-[[(1R,2R)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-chloro-2-[4-[[(1S,2S)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-chloro-2-[4-[[(1R,2S)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

5-chloro-2-[4-[[(1S,2R)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

2-(4-(((1R,3R)-3-hydroxycyclopentyl)amino)pyrido[3,4-d]pyridazin-1-yl)-5-(trifluoromethyl)phenol;

2-(4-(((1R,3S)-3-hydroxycyclopentyl)amino)pyrido[3,4-d]pyridazin-1-yl)-5-(trifluoromethyl)phenol;

2-(4-(((1S,3R)-3-hydroxycyclopentyl)amino)pyrido[3,4-d]pyridazin-1-yl)-5-(trifluoromethyl)phenol;

2-(4-(((1S,3S)-3-hydroxycyclopentyl)amino)pyrido[3,4-d]pyridazin-1-yl)-5-(trifluoromethyl)phenol;

2-[4-[[(1R,3R)-3-hydroxy-3-methyl-cyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1R,3S)-3-hydroxy-3-methyl-cyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1S,3R)-3-hydroxy-3-methyl-cyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1S,3S)-3-hydroxy-3-methyl-cyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-(4-(((1s,3s)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)-5-(trifluoromethoxy)phenol;

2-(4-(((1r,3r)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)-5-(trifluoromethoxy)phenol;

3-fluoro-2-(4-(((1s,3s)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-fluoro-2-(4-(((1r,3r)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-chloro-2-fluoro-6-(4-(((1s,3s)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-chloro-2-fluoro-6-(4-(((1r,3r)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

4,5-difluoro-2-(4-(((1s,3s)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

4,5-difluoro-2-(4-(((1r,3r)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-fluoro-2-(4-(((1s,3s)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)-5-(trifluoromethyl)phenol;

3-fluoro-2-(4-(((1r,3r)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)-5-(trifluoromethyl)phenol;

5-chloro-2-(4-(((1s,3s)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

5-chloro-2-(4-(((1r,3r)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3,5-difluoro-2-(4-(((1s,3s)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3,5-difluoro-2-(4-(((1r,3r)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

2-[4-[(2-hydroxy-2-methyl-propyl)amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

5-chloro-2-[4-[(2-hydroxy-2-methyl-propyl)amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

2-[4-[(2-hydroxy-2-methyl-propyl)amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethoxy)phenol;

5-chloro-3-fluoro-2-[4-[(2-hydroxy-2-methyl-propyl)amino]pyrido[3,4-d]pyridazin-1-yl]phenol;

3-fluoro-2-[4-[(2-hydroxy-2-methyl-propyl)amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

5-fluoro-2-(4-(((1R,2R)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

5-fluoro-2-(4-(((1S,2S)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

5-fluoro-2-(4-(((1S,2R)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

5-fluoro-2-(4-(((1R,2S)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-fluoro-2-(4-(((1R,2R)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-fluoro-2-(4-(((1S,2S)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-fluoro-2-(4-(((1S,2R)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-fluoro-2-(4-(((1R,2S)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-fluoro-2-(1-(((1R,2R)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

3-fluoro-2-(1-(((1S,2S)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

3-fluoro-2-(1-(((1S,2R)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

3-fluoro-2-(1-(((1R,2S)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

5-fluoro-2-(1-(((1R,2R)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

5-fluoro-2-(1-(((1S,2S)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

5-fluoro-2-(1-(((1R,2S)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

5-fluoro-2-(1-(((1S,2R)-2-hydroxycyclohexyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

2-[4-[[(1S,2R)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1R,2S)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1S,2S)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-[4-[[(1R,2R)-2-hydroxycyclohexyl]amino]pyrido[3,4-d]pyridazin-1-yl]-5-(trifluoromethyl)phenol;

2-(4-(((1r,3r)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)-5-(trifluoromethyl)phenol;

2-(4-(((1s,3s)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[3,4-d]pyridazin-1-yl)-5-(trifluoromethyl)phenol;

5-fluoro-2-(4-(((1R,3R)-3-hydroxycyclopentyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

5-fluoro-2-(4-(((1S,3S)-3-hydroxycyclopentyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

5-fluoro-2-(4-(((1R,3S)-3-hydroxycyclopentyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

5-fluoro-2-(4-(((1S,3R)-3-hydroxycyclopentyl)amino)pyrido[3,4-d]pyridazin-1-yl)phenol;

3-fluoro-2-(1-(((1R,3R)-3-hydroxycyclopentyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

3-fluoro-2-(1-(((1R,3S)-3-hydroxycyclopentyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

3-fluoro-2-(1-(((1S,3R)-3-hydroxycyclopentyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

3-fluoro-2-(1-(((1S,3S)-3-hydroxycyclopentyl)amino)pyrido[3,4-d]pyridazin-4-yl)phenol;

(2S)-3-[[1-[2-hydroxy-4-(trifluoromethyl)phenyl]pyrido[3,4-d]pyridazin-4-yl]amino]propane-1,2-diol;

(2R)-3-[[1-[2-hydroxy-4-(trifluoromethyl)phenyl]pyrido[3,4-d]pyridazin-4-yl]amino]propane-1,2-diol;

2-[8-[[(1R,3S)-3-hydroxycyclohexyl]amino]pyrido[2,3-d]pyridazin-5-yl]-5-(trifluoromethyl)phenol;

2-[8-[[(1S,3R)-3-hydroxycyclohexyl]amino]pyrido[2,3-d]pyridazin-5-yl]-5-(trifluoromethyl)phenol;

2-[8-[[(1R,3R)-3-hydroxycyclohexyl]amino]pyrido[2,3-d]pyridazin-5-yl]-5-(trifluoromethyl)phenol;

2-[8-[[(1S,3S)-3-hydroxycyclohexyl]amino]pyrido[2,3-d]pyridazin-5-yl]-5-(trifluoromethyl)phenol;

3-fluoro-2-(8-(((1s,3s)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[2,3-d]pyridazin-5-yl)phenol;

3-fluoro-2-(8-(((1r,3r)-3-hydroxy-3-methylcyclobutyl)amino)pyrido[2,3-d]pyridazin-5-yl)phenol;

2-[8-[[(1R,3S)-3-hydroxycyclohexyl]amino]-2-methyl-pyrido[2,3-d]pyridazin-5-yl]-5-(trifluoromethyl)phenol;

2-[8-[[(1S,3R)-3-hydroxycyclohexyl]amino]-2-methyl-pyrido[2,3-d]pyridazin-5-yl]-5-(trifluoromethyl)phenol;

2-[8-[[(1R,3R)-3-hydroxycyclohexyl]amino]-2-methyl-pyrido[2,3-d]pyridazin-5-yl]-5-(trifluoromethyl)phenol;

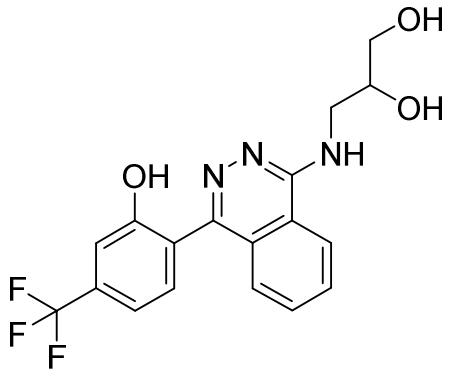
2-[8-[[(1S,3S)-3-hydroxycyclohexyl]amino]-2-methyl-pyrido[2,3-d]pyridazin-5-yl]-5-(trifluoromethyl)phenol;

(S)-3-((4-(2-hydroxy-4-(trifluoromethyl)phenyl)phthalazin-1-yl)amino)-2-methylpropane-1,2-diol; and

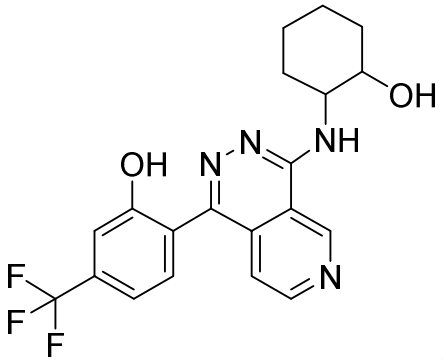
(R)-3-((4-(2-hydroxy-4-(trifluoromethyl)phenyl)phthalazin-1-yl)amino)-2-methylpropane-1,2-diol;

or a pharmaceutically acceptable salt thereof.

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



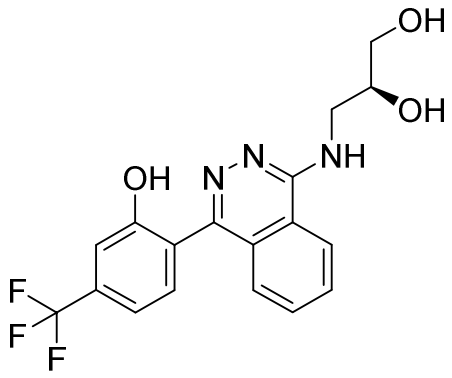
and



,

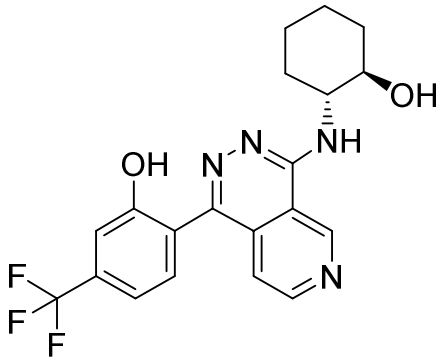
or a pharmaceutically acceptable salt thereof.

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



or a pharmaceutically acceptable salt thereof.

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



or a pharmaceutically acceptable salt thereof.

27. A pharmaceutical composition comprising the compound of any one of the preceding claims and a pharmaceutically acceptable excipient.

28. The compound of any one of claims 1-26 for use in therapy.

29. The compound of any one of claims 1-26 for use in the treatment of a subject with a disease or condition in which NLRP3 inflammasome activity is implicated.

30. The compound of any one of claims 1-26 for use in the treatment of a subject with a disease or condition selected from the group consisting of kidney diseases such as acute kidney injury, chronic kidney disease, and diabetic kidney disease; cardiovascular diseases such as coronary atherosclerotic heart disease, cardiomyopathy, myocardial infarction, cardiac hypertrophy, and ischaemia-reperfusion injury; liver diseases such as nonalcoholic fatty liver disease, nonalcoholic steatohepatitis, alcoholic steatohepatitis, chronic hepatitis C virus infection, and paracetamol-induced liver injury; inflammatory diseases such as autoinflammatory disorders, Cryopyrin-associated periodic syndromes, familial cold autoinflammatory syndrome (FCAS), Muckle–Wells syndrome (MWS), chronic infantile neurologic cutaneous articular (CINCA) syndrome, and neonatal onset

multi-system inflammatory disease (NOMID); inflammatory skin diseases such as acne vulgaris, and hidradenitis suppurativa; inflammatory bowel diseases such as ulcerative colitis (UC), and Crohn's disease; autoimmune diseases such as gout, pseudo gout, rheumatoid arthritis (RA), multiple sclerosis (MS), Addison's disease, celiac disease, systemic lupus erythematous (SLE), and vitiligo; and respiratory diseases such as chronic pulmonary diseases, idiopathic pulmonary fibrosis (IPF), chronic obstructive pulmonary disease (COPD), and asthma.

31. Use of the compound of any one of claims 1-26 in the manufacture of a medicament for inhibiting NLRP3 inflammasome activity in a subject in need thereof, wherein the compound is to be administered to the subject.

32. Use of the compound of any one of claims 1-26 in the manufacture of a medicament for the treatment of a disease or condition selected from the group consisting of kidney diseases such as acute kidney injury, chronic kidney disease, and diabetic kidney disease; cardiovascular diseases such as coronary atherosclerotic heart disease, cardiomyopathy, myocardial infarction, cardiac hypertrophy, and ischaemia-reperfusion injury; liver diseases such as nonalcoholic fatty liver disease, nonalcoholic steatohepatitis, alcoholic steatohepatitis, chronic hepatitis C virus infection, and paracetamol-induced liver injury; inflammatory diseases such as autoinflammatory disorders, Cryopyrin-associated periodic syndromes, familial cold autoinflammatory syndrome (FCAS), Muckle–Wells syndrome (MWS), chronic infantile neurologic cutaneous articular (CINCA) syndrome, and neonatal onset multi-system inflammatory disease (NOMID); inflammatory skin diseases such as acne vulgaris, and hidradenitis suppurativa; inflammatory bowel diseases such as ulcerative colitis (UC), and Crohn's disease; autoimmune diseases such as gout, pseudo gout, rheumatoid arthritis (RA), multiple sclerosis (MS), Addison's disease, celiac disease, systemic lupus erythematous (SLE), and vitiligo; and respiratory diseases such as chronic pulmonary diseases, idiopathic pulmonary fibrosis (IPF), chronic obstructive pulmonary disease (COPD), and asthma.