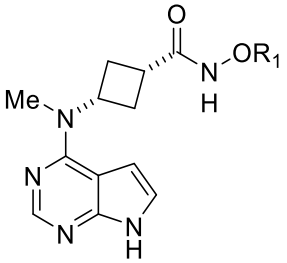
We claim:

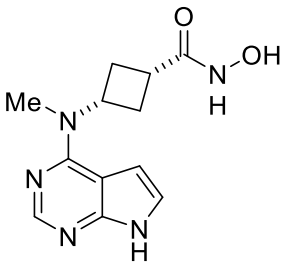
1. A compound having the structure:



wherein R_1 is selected from: hydrogen, substituted or unsubstituted phenyl, substituted or unsubstituted pyridyl, substituted or unsubstituted imidazolyl, (C_1-C_6)alkyl, (C_3-C_{10})cycloalkyl, which may optionally be substituted with 1, 2 or 3 groups independently selected from halo, (C_1-C_3)alkyl, and (C_1-C_3)alkyloxy, or a salt thereof selected from a group consisting of sodium, potassium, lithium, magnesium and calcium.

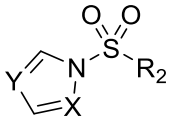
2. The compound of claim 1 wherein R_1 is hydrogen, or a salt thereof.

3. The compound (1s,3s)-N-hydroxy-3-(methyl(7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino)cyclobutane-1-carboxamide having the structure:



or a salt thereof.

4. A compound having the structure:



wherein R_2 is selected from (C_3-C_5)alkyl and (C_3-C_4)cycloalkyl; and,
X and Y are independently selected from CR_3 and N, wherein R_3 is selected from: hydrogen, and (C_1-C_6)alkyl.

5. The compound of claim 4 wherein X and Y are both N; and, R_2 is (C_3-C_5)alkyl.

6. The compound of claim 4 wherein R_2 is a linear or branched chain propyl group.

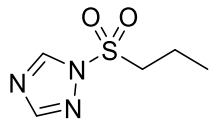
7. The compound of claim 4 wherein R_2 is linear propyl group.

8. The compound of claim 4 wherein X is CR_3, wherein R_3 is hydrogen; and, Y is N.

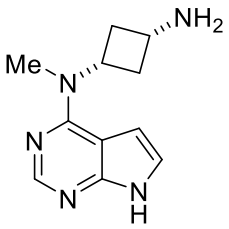
9. The compound of claim 8 wherein R_2 is a linear or branched chain propyl group.

10. The compound of claim 8 wherein R_2 is linear propyl group.

11. The compound 1-(propylsulfonyl)-1H-1,2,4-triazole having the structure:



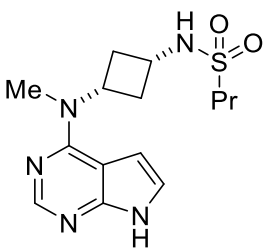
12. A salt of a compound having the structure:



said salt selected from the group consisting of the hydrochloric acid salt, phosphoric (mono, bis, tris) acid salt, (1S)-(+)-10-camphor sulfonic acid salt, 1,2-ethanedisulfonic acid salt, dibenzoyl-L-tartaric acid salt, dibenzoyl-D-tartaric acid salt, citric acid salt, succinic acid salt, fumaric acid salt, maleic acid salt, oxalic acid salt, p-toluenesulfonic acid salt, L-(+)-tartaric acid salt, D-(-)-tartaric acid salt, hydrobromic acid salt, acid salt, mesylate salt and malonic acid salt.

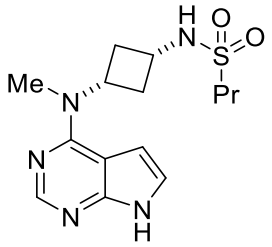
13. The phosphoric acid salt of claim 12.

14. An acid salt of a compound having the structure:



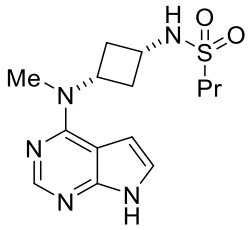
wherein said acid salt is selected from the group consisting of a hydrochloride salt, a phosphate salt, a succinic acid salt, a citric acid salt, a *p*-toluenesulfonic acid salt, a mesylate salt, a hemisulfate salt, a hemifumarate salt and a malonic acid salt.

15. An acid salt of a compound having the structure:



wherein said acid salt is a hydrochloride salt.

16. A compound having the structure:

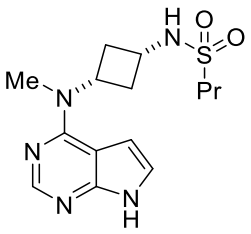


prepared from an acid salt selected from the group consisting of a hydrochloride salt, a phosphate salt, a succinic acid salt, a citric acid salt, a p-toluenesulfonic acid salt, a mesylate salt, a hemisulfate salt, a hemifumarate salt and a malonic acid salt.

17. The compound of claim 16 prepared from the hydrochloride salt of said compound under suitable basic conditions.

18. The compound of claim 16, having a powder X-ray diffraction pattern comprising peaks, in terms of 2θ, at 13.0°, 14.8° and 23.3° 2θ ± 0.2 ° 2θ.

19. A process for preparing a compound having the structure:



which comprises (a) preparing the hydrochloric acid salt of said compound under suitable conditions, and thereafter (b) reacting said salt with a suitable base under suitable

conditions to form the compound, wherein said suitable base is selected from sodium carbonate, potassium carbonate, sodium bicarbonate, potassium bicarbonate, sodium hydroxide, potassium hydroxide, or triethylamine.

20. The process of claim 19, wherein said suitable base is sodium or potassium bicarbonate.