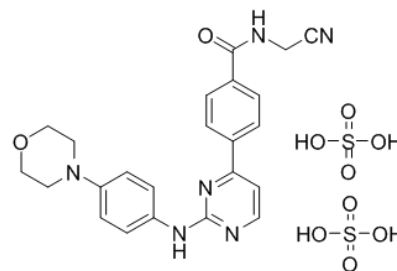


Product Name : CYT387 sulfate salt
Cat. No. : PC-42752
CAS No. : 1056636-06-6
Molecular Formula : C₂₃H₂₆N₆O₁₀S₂
Molecular Weight : 610.6168
Target : JAK
Solubility : DMSO: ≥ 6.1 mg/mL



Biological Activity

A potent and selective JAK1/JAK2 inhibitor with IC₅₀ of 11/18 nM; shows significantly less activity against other kinases, including JAK3 (IC₅₀=155 nM); inhibits JAK2V617F (JH1-JH2) with IC₅₀ of 11 nM; inhibits growth of Ba/F3-JAK2V617F and HEL cells (IC₅₀=1500 nM) or Ba/F3-MPLW515L cells (IC₅₀=200 nM).

Bone Cancer
Phase 3 Clinical

References

- Pardanani A, et al. Leukemia. 2009 Aug;23(8):1441-5.
Burns CJ, et al. Bioorg Med Chem Lett. 2009 Oct 15;19(20):5887-92.
Tyner JW, et al. Blood. 2010 Jun 24;115(25):5232-40.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com