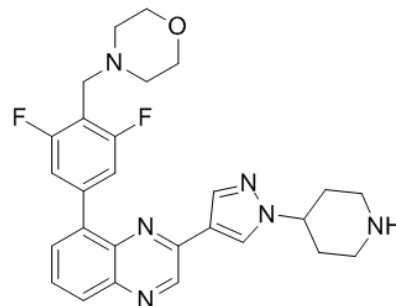


Product Name : NVP-BSK805
Cat. No. : PC-44039
CAS No. : 1092499-93-8
Molecular Formula : C₂₇H₂₈F₂N₆O
Molecular Weight : 490.5476
Target : JAK
Solubility : 10 mM in DMSO



Biological Activity

NVP-BSK805 is a potent, selective and ATP-competitive inhibitor of **JAK2** (V617F) and wt JAK2 (IC₅₀=0.5 nM). NVP-BSK805 displays >20-fold selectivity towards JAK1, JAK3, TYK2 and excellent selectivity in broader kinase profiling. NVP-BSK805 blunts constitutive STAT5 phosphorylation in JAK2(V617F)-bearing cells. NVP-BSK805 exhibits good oral bioavailability and a long half-life.

References

- Baffert F, et al. *Mol Cancer Ther.* 2010 Jul;9(7):1945-55.
Pissot-Soldermann C, et al. *Bioorg Med Chem Lett.* 2010 Apr 15;20(8):2609-13.

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

E-mail: tech@probechem.com