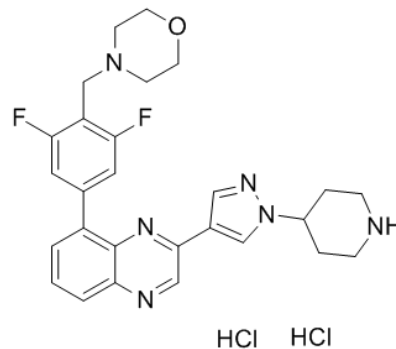


Product Name : NVP-BSK805 dihydrochloride
Cat. No. : PC-44040
CAS No. : 1942919-79-0
Molecular Formula : C₂₇H₃₀Cl₂F₂N₆O
Molecular Weight : 563.4695
Target : JAK
Solubility : 10 mM in DMSO



Biological Activity

NVP-BSK805 dihydrochloride 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!

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