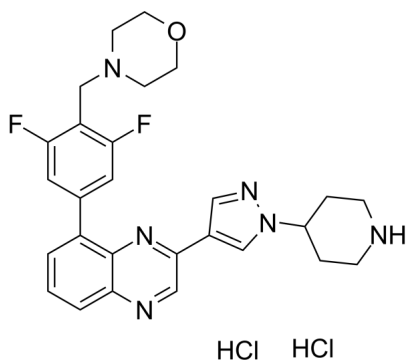


Data Sheet

Product Information

Catalog Number	BP10888
Product Name	NVP-BSK805 dihydrochloride
Description	NVP-BSK805 dihydrochloride is an effective and selective inhibitor of JAK2 with IC50s of 0.5 nM, 10.76 nM, 18.68 nM, and 31.63 nM for JAK2, TYK2, JAK3, and JAK1.
Targets&IC50	TYK2 (Cell-free assay): 10.76 nM, JAK2 (Cell-free assay): ~0.5 nM, JAK3 (Cell-free assay): 18.68 nM, JAK1 (Cell-free assay): 31.63 nM
In vitro	Cells can be detected by colorimetric assay kit WST-1 (Roche Diagnostics GmbH) The survival rate was used to analyze and compare the survival of cells after 72 hours of incubation with 8-point concentration range of drugs and the related changes in cell proliferation after treatment of cells with DMSO, which can detect the ability of JAK2 inhibitors to inhibit cell proliferation. After three repetitions, the mean value was calculated and plotted with XLfit 4 software to obtain the value of half of the maximum growth inhibition (GI50).
Synonyms	BSK805
CAS No.	1942919-79-0
Chemical Formula	C27H30Cl2F2N6O
Molecular Weight	563.47
Solubility	DMSO: 40 mg/mL (71 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



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