

NVP-BSK805 trihydrochloride Biochemical

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CATALOG #
AAA228320

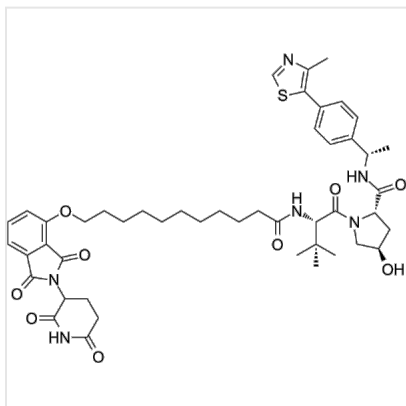
PRODUCT SYNONYMS

NVP-BSK805 trihydrochloride; NVP-BSK805 trihydrochloride biochemical

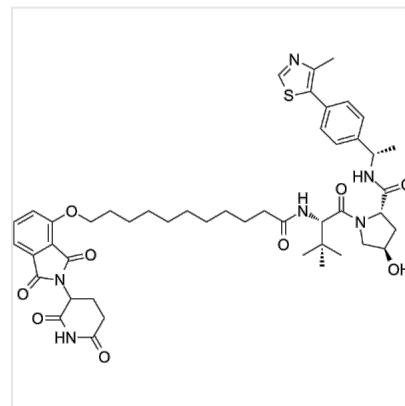
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2320258-95-3
Targets&IC50	FL JAK2 wt:0.58 nM (IC50), JAK2 JH1:0.48 nM (IC50), TYK2 JH1:18.68 nM (IC50), JAK1 JH1:31.68 nM (IC50), JAK2(V617F):0.56 nM (IC50)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	NVP-BSK805 trihydrochloride (BSK 805; 150 mg/kg, p.o.) blocks STAT5 phosphorylation, splenomegaly, and leukemic cell spreading in a Ba/F3 JAK2 V617F cell-driven mouse model[1]. NVP-BSK805 trihydrochloride (50, 75, and 100 mg/kg, p.o.) also suppresses rhEpo-mediated polycythemia and splenomegaly in BALB/c mice[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
ZXH-4-137, CAS 2711006-74-3



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ADDITIONAL INFORMATION

Related Product Information for NVP-BSK805 trihydrochloride biochemical	NVP-BSK805 trihydrochloride trihydrochloride is an ATP-competitive JAK2 inhibitor, with IC 50 s of 0.48 nM, 31.63 nM, 18.68 nM, and 10.76 nM for JAK2 JH1 (JAK homology 1), JAK1 JH1, JAK3 JH1, and TYK2 JH1, respectively.
References	1. Powell CE, et al. Selective degradation-inducing probes for studying cereblon (CRBN) biology. RSC Med Chem. 2021 Jul 6;12(8):1381-1390.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

