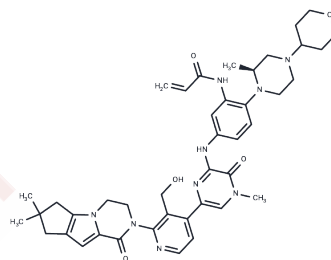


Rocbrutinib

Chemical Properties

CAS No. :	2485861-07-0
Formula:	C42H51N9O5
Molecular Weight:	761.91
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Rocbrutinib (LP-168) is a selective BTK kinase inhibitor that is effective against both wild-type and mutant forms (C481S, C481F, C481R, T474I, etc.), and has anti-tumor effects.
Targets(IC50)	BTK

Solubility Information

Solubility	DMSO: 100 mg/mL (131.25 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3125 mL	6.5625 mL	13.1249 mL
5 mM	0.2625 mL	1.3125 mL	2.625 mL
10 mM	0.1312 mL	0.6562 mL	1.3125 mL
50 mM	0.0262 mL	0.1312 mL	0.2625 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Chen Yi, et al. Preparation of pyrrolopyrazines and related heterocycles as inhibitors of BTK and mutants thereof for the treatment of neoplastic, autoimmune and inflammatory disorders. World Intellectual Property Organization, WO2020176403 A1 2020-09-03.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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