

BLK-IN-2

Chemical Properties

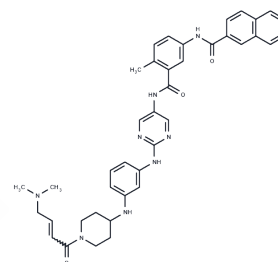
CAS No. : 2694871-86-6

Formula: C39H41N9O3

Molecular Weight: 683.8

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	BLK-IN-2 is a potent, selective, and irreversible inhibitor of B-Lymphoid tyrosine kinase (BLK), demonstrating significant efficacy with an IC50 of 5.9 nM. Additionally, it exhibits an inhibitory effect on BTK (Bruton's tyrosine kinase) with an IC50 of 202.0 nM. This compound has shown strong antiproliferative activities against various lymphoma cells.
Targets(IC50)	Others,BTK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4624 mL	7.3121 mL	14.6242 mL
5 mM	0.2925 mL	1.4624 mL	2.9248 mL
10 mM	0.1462 mL	0.7312 mL	1.4624 mL
50 mM	0.0292 mL	0.1462 mL	0.2925 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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