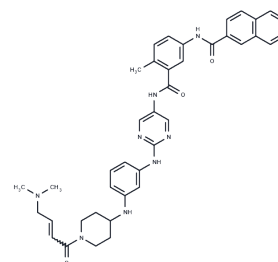


BLK-IN-2

Chemical Properties

CAS No. : 2694871-86-6
Formula: C₃₉H₄₁N₉O₃
Molecular Weight: 683.8
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	BLK-IN-2 is a potent, selective, and irreversible inhibitor of B-Lymphoid tyrosine kinase (BLK), demonstrating significant efficacy with an IC ₅₀ of 5.9 nM. Additionally, it exhibits an inhibitory effect on BTK (Bruton's tyrosine kinase) with an IC ₅₀ of 202.0 nM. This compound has shown strong antiproliferative activities against various lymphoma cells.
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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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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