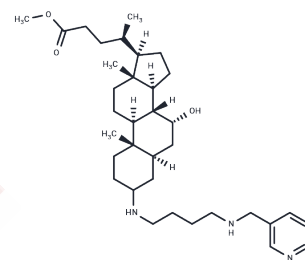


DPM-1003

Chemical Properties

CAS No. : 3018836-86-4
 Formula: C₃₅H₅₇N₃O₃
 Molecular Weight: 567.845
 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	DPM-1003 is an allosteric inhibitor of PTP1B, targeting the non-catalytic, disordered C-terminal segment of the PTP1B protein, and has shown beneficial effects in reducing pulmonary inflammation in mice.
Targets(IC50)	Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.761 mL	8.8051 mL	17.6103 mL
5 mM	0.3522 mL	1.761 mL	3.5221 mL
10 mM	0.1761 mL	0.8805 mL	1.761 mL
50 mM	0.0352 mL	0.1761 mL	0.3522 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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