

CHI3L1-IN-2

Chemical Properties

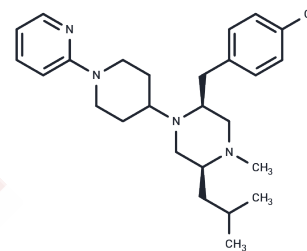
CAS No. : 2982257-63-4

Formula: C₂₆H₃₇ClN₄

Molecular Weight: 441.05

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	CHI3L1-IN-2 (Compound 36), a potent inhibitor of CHI3L1 (YKL-40), effectively blocks the interaction between CHI3L1 and heparan sulfate (CHI3L1:HSIII), demonstrating an IC ₅₀ of 26 nM [1].
Targets(IC ₅₀)	Others, glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2673 mL	11.3366 mL	22.6732 mL
5 mM	0.4535 mL	2.2673 mL	4.5346 mL
10 mM	0.2267 mL	1.1337 mL	2.2673 mL
50 mM	0.0453 mL	0.2267 mL	0.4535 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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