

BACE1-IN-12

Chemical Properties

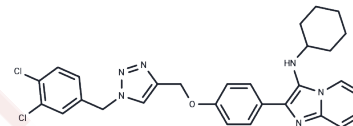
CAS No. : 2479315-19-8

Formula: C₂₉H₂₈Cl₂N₆O

Molecular Weight: 547.48

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	BACE1-IN-12 is a potent BACE1 inhibitor (IC ₅₀ : 8.9 μM) that can cross the blood-brain barrier. BACE1-IN-12 selectively inhibits BuChE (butylcholinesterase) activity (IC ₅₀ : 3.2 μM). BACE1-IN-12 has potential for anti-Alzheimer's disease studies.
Targets(IC ₅₀)	Others, Beta-Secretase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8266 mL	9.1328 mL	18.2655 mL
5 mM	0.3653 mL	1.8266 mL	3.6531 mL
10 mM	0.1827 mL	0.9133 mL	1.8266 mL
50 mM	0.0365 mL	0.1827 mL	0.3653 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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