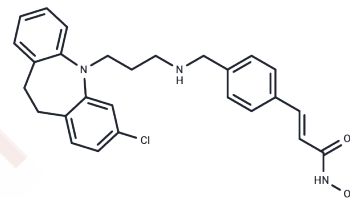


HDAC-IN-38

Chemical Properties

CAS No. : 2408123-36-2
 Formula: C₂₇H₂₈ClN₃O₂
 Molecular Weight: 461.98
 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	HDAC-IN-38 is a potent inhibitor of HDAC. HDAC-IN-38 has similar micromolar inhibitory effects on HDAC1, 2, 3, 5, 6 and 8, and also increases histone acetylation levels (H3K14 or H4K5). HDAC-IN-38 increases cerebral blood flow (CBF), reduces cognitive impairment and improves hippocampal atrophy.
Targets(IC50)	Others,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1646 mL	10.823 mL	21.646 mL
5 mM	0.4329 mL	2.1646 mL	4.3292 mL
10 mM	0.2165 mL	1.0823 mL	2.1646 mL
50 mM	0.0433 mL	0.2165 mL	0.4329 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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