

HDAC1-IN-8

Chemical Properties

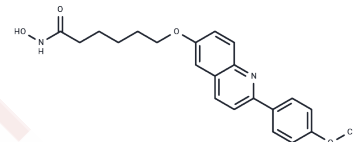
CAS No. : 3066143-73-2

Formula: C22H24N2O4

Molecular Weight: 380.437

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	HDAC1-IN-8 (compound 5c) is a potent and selective HDAC1 inhibitor, with IC50 values of 11.94 μ M for HDAC1, 22.95 μ M for HDAC6, and greater than 500 μ M for HDAC8. It exhibits antiproliferative activity, induces cell cycle arrest in G1 and G2/M phases, and triggers autophagy (autophagy). Additionally, HDAC1-IN-8 demonstrates anticancer properties and holds potential for lung cancer research.
Targets(IC50)	HDAC, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6285 mL	13.1427 mL	26.2854 mL
5 mM	0.5257 mL	2.6285 mL	5.2571 mL
10 mM	0.2629 mL	1.3143 mL	2.6285 mL
50 mM	0.0526 mL	0.2629 mL	0.5257 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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