

HDAC6-IN-17

Chemical Properties

CAS No. :

Formula: C₂₂H₁₇N₃O₃S

Molecular Weight: 403.45

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	HDAC6-IN-17 (compound 5b) is a potent HDAC6 inhibitor with IC ₅₀ values of 150 nM for HDAC6, 1400 nM for HDAC8, and 2300 nM for HDAC4, demonstrating cytotoxic activity against human cancer cell lines and being utilized in cancer research [1].
Targets(IC ₅₀)	HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4786 mL	12.3931 mL	24.7862 mL
5 mM	0.4957 mL	2.4786 mL	4.9572 mL
10 mM	0.2479 mL	1.2393 mL	2.4786 mL
50 mM	0.0496 mL	0.2479 mL	0.4957 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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