

HDAC6-IN-16

Chemical Properties

CAS No. :

Formula: C₂₃H₁₉N₃O₃S

Molecular Weight: 417.48

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	HDAC6-IN-16 (compound 5c), a quinazolin-4(3H)-one-based inhibitor of histone deacetylase 6 (HDAC6), demonstrates an anticancer effect by inhibiting colony formation, arresting the cell cycle at the G2 phase, and inducing apoptosis [1].
Targets(IC50)	Apoptosis,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3953 mL	11.9766 mL	23.9532 mL
5 mM	0.4791 mL	2.3953 mL	4.7906 mL
10 mM	0.2395 mL	1.1977 mL	2.3953 mL
50 mM	0.0479 mL	0.2395 mL	0.4791 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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