

HDAC6-IN-19

Chemical Properties

CAS No. :

Formula: C₂₆H₂₃ClN₄O₃

Molecular Weight: 474.94

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-19 (Compound 14g), an HDAC6 inhibitor with an IC ₅₀ of 2.68 nM, additionally inhibits HDAC1, HDAC2, and HDAC3, with IC ₅₀ values of 61.6 nM, 98.7 nM, and 103 nM, respectively. This compound effectively suppresses the proliferation of various cancer cell lines, such as leukemia, colon cancer, melanoma, and breast cancer [1].
Targets(IC ₅₀)	HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1055 mL	10.5276 mL	21.0553 mL
5 mM	0.4211 mL	2.1055 mL	4.2111 mL
10 mM	0.2106 mL	1.0528 mL	2.1055 mL
50 mM	0.0421 mL	0.2106 mL	0.4211 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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