

HDAC-IN-64

Chemical Properties

CAS No. :

Formula: C15H8ClF4N7O

Molecular Weight: 413.72

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-64 (Compound 13), an HDAC inhibitor, demonstrates potent inhibition of HDAC4/5/6/7/9 with IC50 values of 24, 45, 85, 31, and 37 nM, respectively. It exhibits anti-proliferative and anti-migration effects on prostate cancer (PCA) cells, specifically inhibiting the growth of LNCaP and RWPE-1 cells with GI50 values of 0.32 and 1.1 μ M, respectively [1].
Targets(IC50)	HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4171 mL	12.0855 mL	24.1709 mL
5 mM	0.4834 mL	2.4171 mL	4.8342 mL
10 mM	0.2417 mL	1.2085 mL	2.4171 mL
50 mM	0.0483 mL	0.2417 mL	0.4834 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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