

HDAC-IN-37

Chemical Properties

CAS No. :

Formula: C₂₃H₂₄ClN₇O

Molecular Weight: 449.94

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	HDAC-IN-37 is a potent inhibitor of HDAC, targeting HDAC1 (IC ₅₀ : 0.0551 μM), HDAC3 (IC ₅₀ : 1.24 μM), HDAC8 (IC ₅₀ : 0.948 μM), and HDAC6 (IC ₅₀ : 34.2 μM). It slowly induces histone acetylation, prevents the transition from G1 to S phase, and induces early apoptosis.
Targets(IC ₅₀)	Apoptosis,Others,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2225 mL	11.1126 mL	22.2252 mL
5 mM	0.4445 mL	2.2225 mL	4.445 mL
10 mM	0.2223 mL	1.1113 mL	2.2225 mL
50 mM	0.0445 mL	0.2223 mL	0.4445 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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