

HDAC10-IN-1

Chemical Properties

CAS No. :

Formula: C₁₈H₂₃N₃O₂

Molecular Weight: 313.39

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	HDAC10-IN-1 (compound 13b) is a potent and highly selective HDAC10 inhibitor (IC ₅₀ = 58 nM) that regulates autophagy in aggressive FLT3-ITD positive acute myeloid leukemia cells [1].
Targets(IC ₅₀)	Others,HDAC,Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1909 mL	15.9546 mL	31.9091 mL
5 mM	0.6382 mL	3.1909 mL	6.3818 mL
10 mM	0.3191 mL	1.5955 mL	3.1909 mL
50 mM	0.0638 mL	0.3191 mL	0.6382 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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