

HDAC8-IN-2

Chemical Properties

CAS No. :

Formula: C₂₁H₁₆N₂O₅

Molecular Weight: 376.36

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	HDAC8-IN-2 (compound 5o) is a potent HDAC8 inhibitor with IC ₅₀ values of 0.27 μ M and 0.32 μ M for smHDAC8 (Schistosoma mansoni histone deacetylase 8) and hHDAC8, respectively. It effectively kills schistosome larvae and significantly reduces egg laying in adult worm pairs [1].
Targets(IC ₅₀)	Others,HDAC,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.657 mL	13.2852 mL	26.5703 mL
5 mM	0.5314 mL	2.657 mL	5.3141 mL
10 mM	0.2657 mL	1.3285 mL	2.657 mL
50 mM	0.0531 mL	0.2657 mL	0.5314 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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