

HDAC1/6-IN-1

Chemical Properties

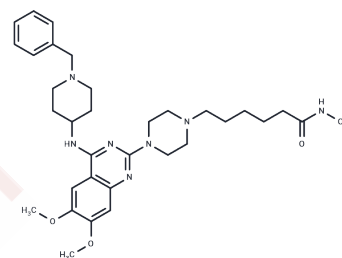
CAS No. : 2630989-02-3

Formula: C₃₂H₄₅N₇O₄

Molecular Weight: 591.74

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	HDAC1/6-IN-1 is a potent multi-target inhibitor of GLP (IC ₅₀ : 1.3 nM), HDAC6 (IC ₅₀ : 13 nM) and HDAC1 (IC ₅₀ : 89 nM). HDAC1/6-IN-1 inhibits the methylation and deacetylation of H3K9 at the protein level. HDAC1/6-IN-1 can block the cell cycle of cancer cells in G ₀ /G ₁ phase, induce apoptosis and prevent cancer cell migration and invasion.
Targets(IC ₅₀)	Apoptosis,Others,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6899 mL	8.4497 mL	16.8993 mL
5 mM	0.338 mL	1.6899 mL	3.3799 mL
10 mM	0.169 mL	0.845 mL	1.6899 mL
50 mM	0.0338 mL	0.169 mL	0.338 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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