

HDAC1/CDK7-IN-1

Chemical Properties

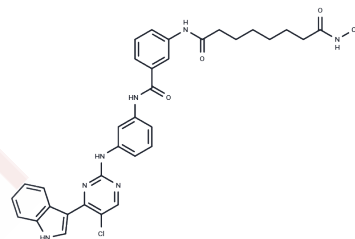
CAS No. : 2987905-95-1

Formula: C₃₃H₃₂ClN₇O₄

Molecular Weight: 626.11

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/CDK7-IN-1 (compound 8e) is a dual inhibitor of CDK7 and HDAC1, with IC ₅₀ values of 893 nM and 248 nM, respectively. It suppresses the proliferation of cancer cell lines such as MDA-MB-231, MCF-7, A549, and HCT-116, induces cell cycle arrest and apoptosis in HCT-116 cells, and impedes their migration [1].
Targets(IC ₅₀)	Apoptosis,HDAC,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5972 mL	7.9858 mL	15.9716 mL
5 mM	0.3194 mL	1.5972 mL	3.1943 mL
10 mM	0.1597 mL	0.7986 mL	1.5972 mL
50 mM	0.0319 mL	0.1597 mL	0.3194 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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