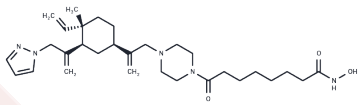
Data Sheet (Cat.No.T86560)

TargetMol

HDAC-IN-67

Chemical Properties



CAS No. : 2821923-75-3

Formula: C30H47N5O3

Molecular Weight: 525.73

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-67 (compound 27f) acts as an inhibitor of HDAC1 and HDAC6, demonstrating IC50 values of 22 nM and 8 nM, respectively. This compound effectively inhibits cell proliferation and triggers apoptosis, while also displaying antitumor activity [1].
Targets(IC50)	Apoptosis,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9021 mL	9.5106 mL	19.0212 mL
5 mM	0.3804 mL	1.9021 mL	3.8042 mL
10 mM	0.1902 mL	0.9511 mL	1.9021 mL
50 mM	0.038 mL	0.1902 mL	0.3804 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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