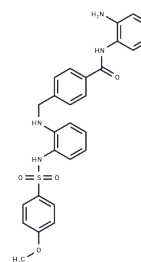


HDAC-IN-39

Chemical Properties

CAS No. :	2414046-33-4
Formula:	C ₂₇ H ₂₆ N ₄ O ₅
Molecular Weight:	502.58
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-39 is a potent inhibitor of HDAC and is able to act on HDAC1, HDAC2 and HDAC3 with IC ₅₀ values of 1.07 μM, 1.47 μM and 2.27 μM, respectively. HDAC-IN-39 induces cell cycle arrest in G ₂ /M phase and also significantly inhibits microtubule polymerization. HDAC-IN-39 exhibits good anticancer effects on HDAC-IN-39 exhibited good anti-cancer effects on drug-resistant cancer cells.
Targets(IC ₅₀)	Apoptosis,Others,Microtubule Associated,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9897 mL	9.9487 mL	19.8973 mL
5 mM	0.3979 mL	1.9897 mL	3.9795 mL
10 mM	0.199 mL	0.9949 mL	1.9897 mL
50 mM	0.0398 mL	0.199 mL	0.3979 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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