

JHDM-IN-1

## Chemical Properties

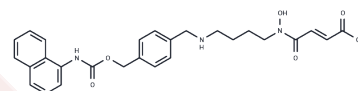
CAS No. : 1310809-17-6

Formula: C27H29N3O6

Molecular Weight: 491.54

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	JHDM-IN-1 (Compound 1), a Jumonji C domain-containing HDMs (JHDM) inhibitor, exhibits IC50s of 3.4 $\mu$ M against JMJD2C, 4.3 $\mu$ M against JMJD2A, 5.9 $\mu$ M against JMJD2E, 10 $\mu$ M against PHF8, and 43 $\mu$ M against JMJD3, showcasing its inhibitory effectiveness across a spectrum of JHDM enzymes [1].
Targets(IC50)	Histone Demethylase, Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0344 mL	10.1721 mL	20.3442 mL
5 mM	0.4069 mL	2.0344 mL	4.0688 mL
10 mM	0.2034 mL	1.0172 mL	2.0344 mL
50 mM	0.0407 mL	0.2034 mL	0.4069 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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