

LSD1-IN-18

Chemical Properties

CAS No. :

Formula: C31H40N6O2

Molecular Weight: 528.69

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	LSD1-IN-18 is a potent, non-covalent, selective inhibitor of LSD1 (Ki:0.156 μ M; KD: 0.075 μ M).LSD1-IN-18 exhibited anti-proliferative effects in THP-1 leukemia cells and MDA-MB-231 breast cancer cells with IC50 (72 h) of 0.16 and 0.21 μ M, respectively.
Targets(IC50)	Histone Demethylase,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8915 mL	9.4573 mL	18.9147 mL
5 mM	0.3783 mL	1.8915 mL	3.7829 mL
10 mM	0.1891 mL	0.9457 mL	1.8915 mL
50 mM	0.0378 mL	0.1891 mL	0.3783 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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