

LSD1-IN-19

Chemical Properties

CAS No. :

Formula: C33H42N6O2

Molecular Weight: 554.73

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	LSD1-IN-19 (compound 29) is a selective and potent non-covalent inhibitor of LSD1 with a K_i of 0.108 μM and a K_D of 0.068 μM . Its 72h IC_{50} values are 0.17 μM and 0.40 μM , respectively.
Targets(IC_{50})	Histone Demethylase,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8027 mL	9.0134 mL	18.0268 mL
5 mM	0.3605 mL	1.8027 mL	3.6054 mL
10 mM	0.1803 mL	0.9013 mL	1.8027 mL
50 mM	0.0361 mL	0.1803 mL	0.3605 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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