

LSD1-IN-15

Chemical Properties

CAS No. :

Formula: C₂₂H₂₀N₂O

Molecular Weight: 328.41

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-15 (compound 1b) is a potent LSD1 inhibitor that inhibits LSD1-CoREST, MAO-A, and MAO-B with IC ₅₀ values of 0.149, 0.028, and 0.327 μ M, respectively. LSD1-IN-15 induces cell growth arrest in LNCaP cells of prostate cancer, with an IC ₅₀ value of 9.9 μ M [1].
Targets(IC ₅₀)	Histone Demethylase,Others,Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.045 mL	15.2249 mL	30.4497 mL
5 mM	0.609 mL	3.045 mL	6.0899 mL
10 mM	0.3045 mL	1.5225 mL	3.045 mL
50 mM	0.0609 mL	0.3045 mL	0.609 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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