

LSD1-IN-17

## Chemical Properties

CAS No. :

Formula: C<sub>20</sub>H<sub>18</sub>N<sub>2</sub>O<sub>5</sub>

Molecular Weight: 334.43

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-17 (compound 5b) is a potent inhibitor of LSD1, effectively inhibiting LSD1-CoREST, MAO-A, and MAO-B with IC <sub>50</sub> values of 0.005, 0.028, and 0.820 μM, respectively. It induces cell growth arrest in prostate cancer LNCaP cells with an IC <sub>50</sub> value of 17.2 μM [1].
Targets(IC <sub>50</sub> )	Histone Demethylase,Others,Monoamine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9902 mL	14.9508 mL	29.9016 mL
5 mM	0.598 mL	2.9902 mL	5.9803 mL
10 mM	0.299 mL	1.4951 mL	2.9902 mL
50 mM	0.0598 mL	0.299 mL	0.598 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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