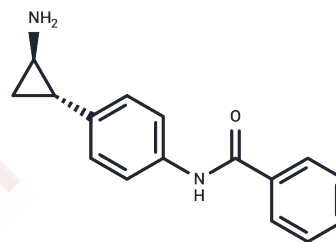


## LSD1-IN-12

## Chemical Properties

CAS No. : 1228143-76-7  
 Formula: C<sub>16</sub>H<sub>16</sub>N<sub>2</sub>O  
 Molecular Weight: 252.31  
 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-12 (compound 2) is an effective inhibitor of LSD1, with inhibitory $K_i$ values of 1.1 $\mu$ M (LSD1), 61 $\mu$ M (LSD2), 2.3 $\mu$ M (MAO-A), and 3.5 $\mu$ M (MAO-B) [1].
Targets(IC50)	Histone Demethylase,Others,Monoamine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9634 mL	19.8169 mL	39.6338 mL
5 mM	0.7927 mL	3.9634 mL	7.9268 mL
10 mM	0.3963 mL	1.9817 mL	3.9634 mL
50 mM	0.0793 mL	0.3963 mL	0.7927 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481