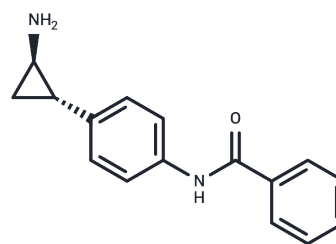


## LSD1-IN-12

### 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  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                                                                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | LSD1-IN-12 (compound 2) is an effective inhibitor of LSD1, demonstrating inhibitory Ki values of 1.1 μM (LSD1), 61 μM (LSD2), 2.3 μM (MAO-A), and 3.5 μM (MAO-B), respectively [1]. |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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

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