

LSD1-IN-19

## Chemical Properties

CAS No. :

Formula: C<sub>33</sub>H<sub>42</sub>N<sub>6</sub>O<sub>2</sub>

Molecular Weight: 554.73

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

## Biological Description

|             |                                                                                                                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | LSD1-IN-19 (compound 29) is a selective, potent, non-covalent inhibitor of LSD1 (K <sub>i</sub> : 0.108 μM, K <sub>D</sub> : 0.068 μM). The 72h IC <sub>50</sub> values were 0.17 and 0.40 μM, respectively. |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 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.

**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: 36 Washington Street, Wellesley Hills, MA 02481