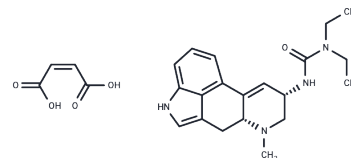


## Lisuride maleate

## Chemical Properties

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| CAS No. :         | 19875-60-6                                                    |
| Formula:          | C <sub>24</sub> H <sub>30</sub> N <sub>4</sub> O <sub>5</sub> |
| Molecular Weight: | 454.527                                                       |
| Appearance:       | no data available                                             |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year      |



## Biological Description

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Lisuride maleate is an agonist of Dopamine receptor and anti-Parkinson's agent. Displays high affinity for D <sub>2</sub> , D <sub>3</sub> and D <sub>4</sub> receptors along with 5-HT <sub>1A</sub> . Exhibits some 5-HT <sub>2B</sub> receptor antagonist properties. Decreases prolactin release; reduces inflammatory mediators such as TNF- $\alpha$ and IL6. Exhibits anticonvulsive effects. Acts similar to bromocriptine |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Solubility Information

|            |                                                                                                                                                         |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Solubility | H <sub>2</sub> O: 5 mM, Heating is recommended.<br>ethanol: 5 mM,<br>DMSO: 100 mM<br>( $< 1$ mg/ml refers to the product slightly soluble or insoluble) |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.2001 mL | 11.0004 mL | 22.0007 mL |
| 5 mM  | 0.440 mL  | 2.2001 mL  | 4.4001 mL  |
| 10 mM | 0.220 mL  | 1.100 mL   | 2.2001 mL  |
| 50 mM | 0.044 mL  | 0.220 mL   | 0.440 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.

## Reference

Jiang K, Liu X, Su R. Contrasting effects of DOI and lisuride on impulsive decision-making in delay discounting task. *Psychopharmacology*. 2022: 1-15.

**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