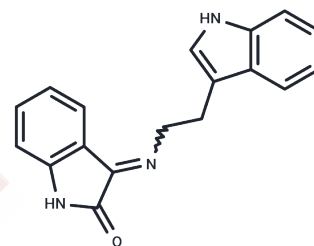


MAO-IN-5

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 906728-07-2 |
| Formula: | C ₁₈ H ₁₅ N ₃ O |
| Molecular Weight: | 289.33 |
| 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 | MAO-IN-5 (Compound ZINC000016952895), a monoamine oxidase (MAO) inhibitor, demonstrates properties such as inhibiting the CYP enzyme family, permeability across the blood-brain barrier (BBB), and high gastrointestinal absorption. These characteristics make MAO-IN-5 a potentially valuable agent in researching neurological diseases [1]. |
| Targets(IC50) | Monoamine Oxidase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.4563 mL | 17.2813 mL | 34.5626 mL |
| 5 mM | 0.6913 mL | 3.4563 mL | 6.9125 mL |
| 10 mM | 0.3456 mL | 1.7281 mL | 3.4563 mL |
| 50 mM | 0.0691 mL | 0.3456 mL | 0.6913 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

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