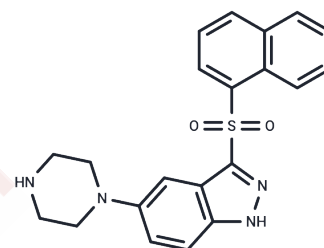


SAM-315

Chemical Properties

CAS No. : 744218-85-7
 Formula: C₂₁H₂₀N₄O₂S
 Molecular Weight: 392.474
 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 | SAM-315 (WAY-255315) is a potent antagonist of 5-Hydroxytryptamine-6 (5-HT ₆), with K _i and IC ₅₀ values of 1.1 nM and 4.6 nM, respectively. SAM-315 notably enhances the release of acetylcholine and glutamate in the hippocampus of the brain. |
| Targets(IC ₅₀) | 5-HT Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.548 mL | 12.7398 mL | 25.4797 mL |
| 5 mM | 0.5096 mL | 2.548 mL | 5.0959 mL |
| 10 mM | 0.2548 mL | 1.274 mL | 2.548 mL |
| 50 mM | 0.051 mL | 0.2548 mL | 0.5096 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