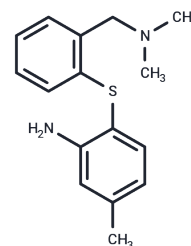


MADAM

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 411208-45-2 |
| Formula: | C ₁₆ H ₂₀ N ₂ S |
| Molecular Weight: | 272.408 |
| 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 | MADAM demonstrates high affinity and selectivity for 5-HTT, with a Ki value of 1.6 nM. It is utilized as a PET radiotracer for visualizing serotonin transporters. |
| Targets(IC50) | Serotonin Transporter |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.6709 mL | 18.3547 mL | 36.7094 mL |
| 5 mM | 0.7342 mL | 3.6709 mL | 7.3419 mL |
| 10 mM | 0.3671 mL | 1.8355 mL | 3.6709 mL |
| 50 mM | 0.0734 mL | 0.3671 mL | 0.7342 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