

MRS8209

Chemical Properties

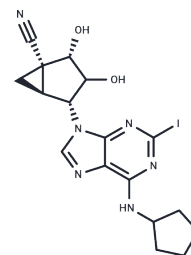
CAS No. :

Formula: C₁₇H₁₉N₆O₂

Molecular Weight: 466.276

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 | MRS8209 is an antagonist of the serotonin receptor (serotonin receptor), with a K_i value of 4.27 nM specifically for 5-HT _{2B} R. It provides protective effects on pulmonary airway opening pressure (PAO) and is applicable in pulmonary fibrosis studies. |
| Targets(IC ₅₀) | 5-HT Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.1446 mL | 10.7232 mL | 21.4463 mL |
| 5 mM | 0.4289 mL | 2.1446 mL | 4.2893 mL |
| 10 mM | 0.2145 mL | 1.0723 mL | 2.1446 mL |
| 50 mM | 0.0429 mL | 0.2145 mL | 0.4289 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

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481