

RTI-122

Chemical Properties

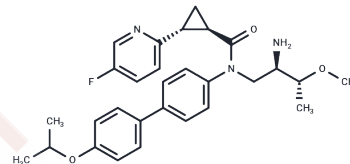
CAS No. : 3034664-39-3

Formula: C₂₉H₃₄FN₃O₃

Molecular Weight: 491.60

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 | RTI-122 is an effective GPR88 agonist with good metabolic stability (half-life of 5.8 hours in mice) and a cAMP EC ₅₀ of 11 nM. It can penetrate the blood-brain barrier and is utilized in research related to excessive drinking. |
| Targets(IC ₅₀) | GPCR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0342 mL | 10.1709 mL | 20.3417 mL |
| 5 mM | 0.4068 mL | 2.0342 mL | 4.0683 mL |
| 10 mM | 0.2034 mL | 1.0171 mL | 2.0342 mL |
| 50 mM | 0.0407 mL | 0.2034 mL | 0.4068 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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