

LuAF60097

Chemical Properties

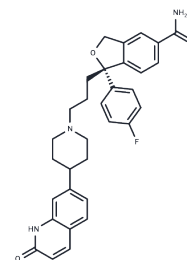
CAS No. : 2507890-46-0

Formula: C₃₂H₃₂FN₃O₃

Molecular Weight: 525.61

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

LuAF60097 is a high-affinity S₂ receptor ligand that binds allosterically to the S₁ site. This compound also acts as a serotonin transporter (SERT) inhibitor, as demonstrated by increased imipramine binding and elevated 5-HT (serotonin) levels in the hippocampus.

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9026 mL | 9.5128 mL | 19.0255 mL |
| 5 mM | 0.3805 mL | 1.9026 mL | 3.8051 mL |
| 10 mM | 0.1903 mL | 0.9513 mL | 1.9026 mL |
| 50 mM | 0.0381 mL | 0.1903 mL | 0.3805 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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