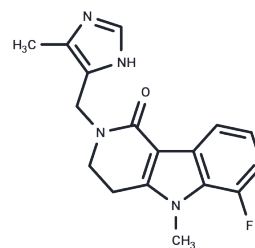


Lurosetron

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 128486-54-4 |
| Formula: | C17H17FN4O |
| Molecular Weight: | 312.34 |
| 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 | Lurosetron (GR-87442) is the 6-fluoro analogue of Alosetron. It functions as a serotonin 5-HT ₃ receptor antagonist. Lurosetron inhibits recombinant (rbt) CYP1A2 with an IC ₅₀ of 0.1 μM and also inhibits other CYP subtypes, including rbtCYP2C9 and rbtCYP3A4, with IC ₅₀ values ranging from 3.5 μM to 16 μM. |
| Targets(IC ₅₀) | 5-HT Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.2016 mL | 16.0082 mL | 32.0164 mL |
| 5 mM | 0.6403 mL | 3.2016 mL | 6.4033 mL |
| 10 mM | 0.3202 mL | 1.6008 mL | 3.2016 mL |
| 50 mM | 0.064 mL | 0.3202 mL | 0.6403 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

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