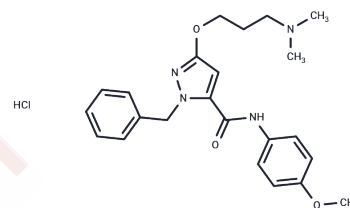


CFM 1571 hydrochloride

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1215548-30-3 |
| Formula: | C ₂₃ H ₂₉ ClN ₄ O ₃ |
| Molecular Weight: | 444.96 |
| 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 | CFM 1571 hydrochloride is a chemical compound that acts as a stimulator of the nitric oxide receptor known as soluble guanylate cyclase (sGC). It demonstrates an EC ₅₀ value of 5.49 μM and an IC ₅₀ value of 2.84 μM. Soluble guanylate cyclase is an important signal-transduction enzyme that is activated by nitric oxide. The compound CFM 1571 hydrochloride shows potential for use in cardiovascular and other disease research [1] [2]. |
| Targets(IC ₅₀) | Others,Guanylate cyclase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 2.2474 mL | 11.237 mL | 22.4739 mL |
| 5 mM | 0.4495 mL | 2.2474 mL | 4.4948 mL |
| 10 mM | 0.2247 mL | 1.1237 mL | 2.2474 mL |
| 50 mM | 0.0449 mL | 0.2247 mL | 0.4495 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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