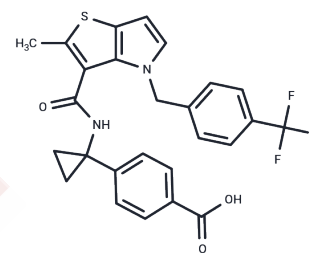


EP4 receptor antagonist 3

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1207954-34-4 |
| Formula: | C ₂₆ H ₂₁ F ₃ N ₂ O ₃ S |
| Molecular Weight: | 498.52 |
| 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 | EP4 receptor antagonist 3 is a highly potent and specific inhibitor of the EP4 receptor, intended for research purposes in studying EP4 receptor-mediated diseases, including acute and chronic pain, osteoarthritis, rheumatoid arthritis, and cancer. |
| Targets(IC50) | Others, Prostaglandin Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0059 mL | 10.0297 mL | 20.0594 mL |
| 5 mM | 0.4012 mL | 2.0059 mL | 4.0119 mL |
| 10 mM | 0.2006 mL | 1.003 mL | 2.0059 mL |
| 50 mM | 0.0401 mL | 0.2006 mL | 0.4012 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.

Reference

Wei W. Yuan, et al. Heterocyclic amide derivatives as ep4 receptor antagonists. Patent WO2010019796A1.

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