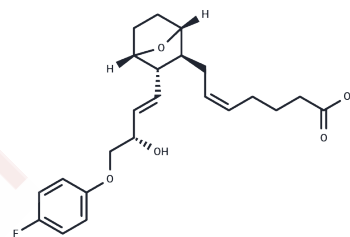


EP 171

Chemical Properties

CAS No. : 122089-44-5
 Formula: C₂₃H₂₉FO₅
 Molecular Weight: 404.47
 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 | EP 171 is a potent agonist of TP-receptors. |
| Targets(IC50) | Others,Thrombin |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.4724 mL | 12.3619 mL | 24.7237 mL |
| 5 mM | 0.4945 mL | 2.4724 mL | 4.9447 mL |
| 10 mM | 0.2472 mL | 1.2362 mL | 2.4724 mL |
| 50 mM | 0.0494 mL | 0.2472 mL | 0.4945 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

Jones RL, Wilson NH, Lawrence RA. EP 171: a high affinity thromboxane A₂-mimetic, the actions of which are slowly reversed by receptor blockade. Br J Pharmacol. 1989 Apr;96(4):875-87. PubMed PMID: 2743082; PubMed Central PMCID: PMC1854451.

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