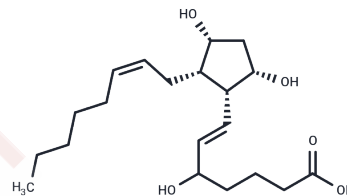


8,12-iso-iPF2 α -VI

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1445349-99-4 |
| Formula: | C ₂₀ H ₃₄ O ₅ |
| Molecular Weight: | 354.5 |
| 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 | 8,12-iso-iPF2 α -VI, an isoprostane, arises from non-enzymatic, free radical-induced peroxidation of membrane lipids. It is the predominant isoprostane formed during lipid peroxidation and serves as a biomarker for oxidative stress. Detectable in hepatic tissue post CCL ₄ -induced oxidative damage, 8,12-iso-iPF2 α -VI levels are also elevated in the urine, blood, and cerebrospinal fluid of Alzheimer's disease patients. |
| Targets(IC50) | Others, Prostaglandin Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.8209 mL | 14.1044 mL | 28.2087 mL |
| 5 mM | 0.5642 mL | 2.8209 mL | 5.6417 mL |
| 10 mM | 0.2821 mL | 1.4104 mL | 2.8209 mL |
| 50 mM | 0.0564 mL | 0.2821 mL | 0.5642 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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