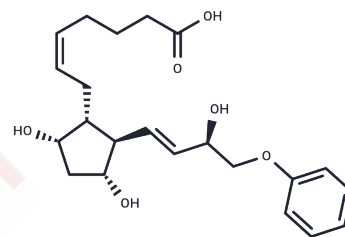


16-phenoxy tetranor Prostaglandin F2 α

Chemical Properties

CAS No. :	51705-19-2
Formula:	C ₂₂ H ₃₀ O ₆
Molecular Weight:	390.47
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	16-phenoxy PGF ₂ α is a metabolically stable analog of PGF ₂ α . It binds to the FP receptor on ovine luteal cells with much greater affinity (440%) than PGF ₂ α .
Targets(IC50)	Others,Endogenous Metabolite,Prostaglandin Receptor

Solubility Information

Solubility	PBS (pH 7.2): >0.8 mg/mL,Sonication is recommended. Ethanol: >100 mg/mL (from Fluprostenol),Sonication is recommended. DMSO: >100 mg/mL (from Fluprostenol),Sonication is recommended. DMF: >100 mg/mL (from Fluprostenol),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.561 mL	12.8051 mL	25.6102 mL
5 mM	0.5122 mL	2.561 mL	5.122 mL
10 mM	0.2561 mL	1.2805 mL	2.561 mL
50 mM	0.0512 mL	0.2561 mL	0.5122 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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