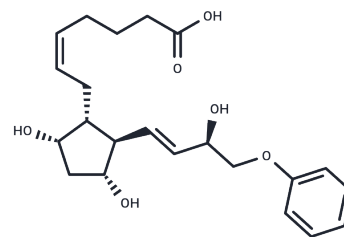


16-phenoxy tetranor Prostaglandin F2 α

Chemical Properties

CAS No. :	51705-19-2
Formula:	C ₂₂ H ₃₀ O ₆
Molecular Weight:	390.47
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



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 .
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Solubility Information

Solubility	PBS (pH 7.2): >0.8 mg/mL Ethanol: >100 mg/mL (from Fluprostenol) DMSO: >100 mg/mL (from Fluprostenol) DMF: >100 mg/mL (from Fluprostenol) (< 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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