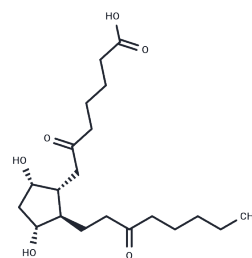


6,15-diketo-13,14-dihydro Prostaglandin F1 α

Chemical Properties

CAS No. :	63983-53-9
Formula:	C ₂₀ H ₃₄ O ₆
Molecular Weight:	370.48
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	6,15-diketo-13,14-dihydro PGF1 α is a metabolite of PGI ₂ . It was shown to enhance intracellular cAMP and cholesterol catabolism in bovine arterial smooth muscle cells.
Targets(IC50)	Others, Drug Metabolite

Solubility Information

Solubility	DMF: >100 mg/mL (from 6-keto PGF1a), Sonication is recommended. Ethanol: >16 mg/mL (from 6-keto PGF1a), Sonication is recommended. PBS (pH 7.2): >3.3 mg/mL (from 6-keto PGF1a), Sonication is recommended. DMSO: >50 mg/mL (from 6-keto PGF1a), 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	2.6992 mL	13.496 mL	26.992 mL
5 mM	0.5398 mL	2.6992 mL	5.3984 mL
10 mM	0.2699 mL	1.3496 mL	2.6992 mL
50 mM	0.054 mL	0.2699 mL	0.5398 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

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

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481