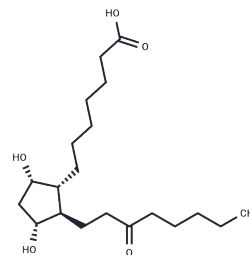


13,14-dihydro-15-keto Prostaglandin F1 $\alpha$ 

## Chemical Properties

CAS No. :	29044-75-5
Formula:	C <sub>20</sub> H <sub>36</sub> O <sub>5</sub>
Molecular Weight:	356.5
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	13,14-dihydro-15-keto Prostaglandin F1 $\alpha$ (13,14-dihydro-15-keto PGF1 $\alpha$ ) is a metabolite of PGF1 $\alpha$ that has been reported in the rat stomach. The measurement of 13,14-dihydro-15-keto PGF1 $\alpha$ can be used as a marker of the in vivo production of PGF1 $\alpha$ .
Targets(IC50)	Others,Prostaglandin Receptor

## Solubility Information

Solubility	DMSO: >50 mg/mL (from PGF1a),Sonication is recommended. DMF: >50 mg/mL (from PGF1a),Sonication is recommended. PBS (pH 7.2): >2 mg/mL (from PGF1a),Sonication is recommended. Ethanol: >75 mg/mL (from 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	2.805 mL	14.0252 mL	28.0505 mL
5 mM	0.561 mL	2.805 mL	5.6101 mL
10 mM	0.2805 mL	1.4025 mL	2.805 mL
50 mM	0.0561 mL	0.2805 mL	0.561 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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