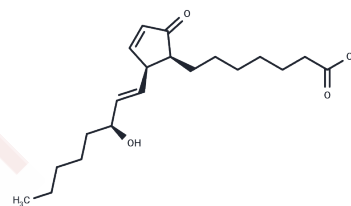


8-iso Prostaglandin A1

Chemical Properties

CAS No. :	211186-29-7
Formula:	C ₂₀ H ₃₂ O ₄
Molecular Weight:	336.472
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-iso Prostaglandin A1 (8-iso PGA1) is an isoprostane and a member in a large family of prostanoids of non-cyclooxygenase origin. It occurs as a common minor impurity in most commercial preparations of PGE1. The biological activity of 8-iso PGA1 has not been studied in depth or reported in the literature.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMF: >75 mg/mL (from PGA1),Sonication is recommended. DMSO: >50 mg/mL (from PGA1),Sonication is recommended. Ethanol: >100 mg/mL (from PGA1),Sonication is recommended. PBS (pH 7.2): >2.4 mg/mL (from PGA1),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	2.972 mL	14.8602 mL	29.7203 mL
5 mM	0.5944 mL	2.972 mL	5.9441 mL
10 mM	0.2972 mL	1.486 mL	2.972 mL
50 mM	0.0594 mL	0.2972 mL	0.5944 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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