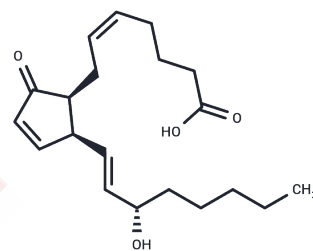


8-iso Prostaglandin A2

Chemical Properties

CAS No. :	474391-66-7
Formula:	C ₂₀ H ₃₀ O ₄
Molecular Weight:	334.45
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 A2 is an isoprostane produced by the nonenzymatic oxidation of arachidonic acid.
Targets(IC50)	Others, Prostaglandin Receptor

Solubility Information

Solubility	PBS (pH 7.2): >2.4 mg/mL (From PGA1), Sonication is recommended. Ethanol: >100 mg/mL (From PGA1), Sonication is recommended. DMSO: >50 mg/mL (From PGA1), Sonication is recommended. DMF: >75 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	2.990 mL	14.9499 mL	29.8998 mL
5 mM	0.598 mL	2.990 mL	5.980 mL
10 mM	0.299 mL	1.495 mL	2.990 mL
50 mM	0.0598 mL	0.299 mL	0.598 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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