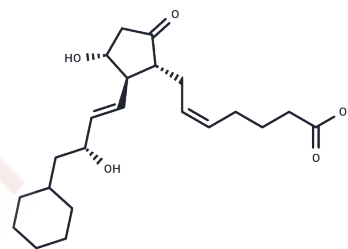


8-iso-16-cyclohexyl-tetranor Prostaglandin E2

Chemical Properties

CAS No. :	53319-30-5
Formula:	C ₂₂ H ₃₄ O ₅
Molecular Weight:	378.509
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 E2 (8-iso PGE2) is one of several isoprostanes produced from polyunsaturated fatty acids during lipid peroxidation. 8-iso-16-cyclohexyl-tetranor PGE2 is a synthetic analog of 8-iso PGE2. There are no published studies on the pharmacological properties of 8-iso-16-cyclohexyl-tetranor PGE2.
Targets(IC50)	Others,Prostaglandin Receptor

Solubility Information

Solubility	Ethanol: 50 mg/mL (132.1 mM),Sonication is recommended. DMF: 50 mg/mL (132.1 mM),Sonication is recommended. DMSO: 50 mg/mL (132.1 mM),Sonication is recommended. PBS (pH 7.2): 1 mg/mL (2.64 mM),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	2.6419 mL	13.2097 mL	26.4194 mL
5 mM	0.5284 mL	2.6419 mL	5.2839 mL
10 mM	0.2642 mL	1.321 mL	2.6419 mL
50 mM	0.0528 mL	0.2642 mL	0.5284 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

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