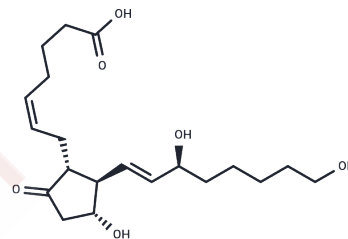


20-hydroxy Prostaglandin E2

Chemical Properties

CAS No. : 57930-95-7
 Formula: C₂₀H₃₂O₆
 Molecular Weight: 368.46
 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	20-hydroxy Prostaglandin E2 (20-hydroxy PGE2) is a product of cytochrome P450 metabolism of PGE2. ω -Oxidation at C-20 followed by β -oxidation and the loss of up to four carbons from the lower side chain is a prominent metabolic pathway for PGE2. 20-hydroxy PGE2 is the putative first intermediate in this chain of chemical transformations.
Targets(IC50)	Others, Drug Metabolite

Solubility Information

Solubility	Ethanol: >100 mg/mL (from PGE2), Sonication is recommended. DMSO: >100 mg/mL (from PGE2), Sonication is recommended. DMF: >100 mg/mL (from PGE2), Sonication is recommended. PBS (pH 7.2): >5 mg/mL (from PGE2), 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	2.714 mL	13.570 mL	27.140 mL
5 mM	0.5428 mL	2.714 mL	5.428 mL
10 mM	0.2714 mL	1.357 mL	2.714 mL
50 mM	0.0543 mL	0.2714 mL	0.5428 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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