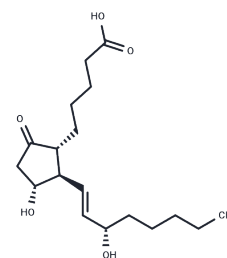


2,3-dinor Prostaglandin E1

Chemical Properties

CAS No. :	7046-40-4
Formula:	C18H30O5
Molecular Weight:	326.4
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	Prostaglandin E1 (PGE1), though not predominantly found in nature, plays a significant role in clinical treatments, addressing conditions such as peripheral occlusive vascular disease, erectile dysfunction, and neonatal cardiology issues. The metabolism of PGE1 primarily begins with the oxidation at C-15, producing 13,14-dihydro-15-keto PGE1 as its major metabolite. Alternatively, inhibiting this pathway or overwhelming it with too much PGE1 could potentially enhance the production of 2,3-dinor metabolites, like 2,3-dinor PGE1, though their biological activities remain unreported. Cayman Chemical stands out as a prominent provider of prostaglandins and their metabolites, uniquely manufacturing 2,3-dinor PGE1.
Targets(IC50)	Others,Endogenous Metabolite,Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0637 mL	15.3186 mL	30.6373 mL
5 mM	0.6127 mL	3.0637 mL	6.1275 mL
10 mM	0.3064 mL	1.5319 mL	3.0637 mL
50 mM	0.0613 mL	0.3064 mL	0.6127 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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