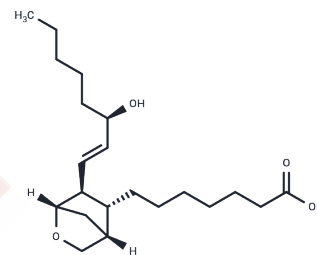


9,11-Methane-epoxy prostaglandin F1 α

Chemical Properties

CAS No. :	72517-81-8
Formula:	C ₂₁ H ₃₆ O ₄
Molecular Weight:	352.51
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	9,11-methane-epoxy Prostaglandin F1 α (9,11-Epoxy methano PGH ₁ ; 9,11-methane-epoxy PGF1 α) is a derivative of prostaglandin H ₁ . This compound induces aggregation of isolated rabbit platelets with an EC ₅₀ of 0.88 μ M and causes contraction of rabbit aorta strips with an EC ₅₀ of 0.11 μ M. Additionally, it leads to the contraction of isolated guinea pig trachea with an EC ₅₀ of 3.4 μ M.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8368 mL	14.184 mL	28.368 mL
5 mM	0.5674 mL	2.8368 mL	5.6736 mL
10 mM	0.2837 mL	1.4184 mL	2.8368 mL
50 mM	0.0567 mL	0.2837 mL	0.5674 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481