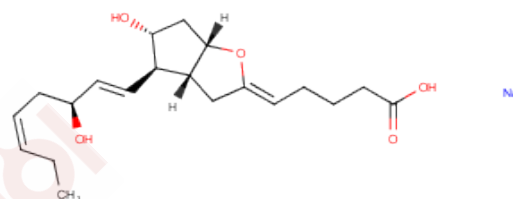


Prostaglandin I3 (sodium salt)

Chemical Properties

CAS No. :	68324-96-9
Formula:	C ₂₀ H ₂₉ NaO ₅
Molecular Weight:	372.43
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	PGI ₃ is synthesized from EPA by COX and PGI synthase. PGI ₃ has a short in vivo half-life and is hydrolyzed to δ 17-6-keto PGF ₁ α . The platelet and vascular activity of PGI ₃ is equivalent to that of PGI ₂ .
Targets(IC ₅₀)	Others

Solubility Information

Solubility	PBS (pH >10.2): 10 mg/mL (26.85 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	2.6851 mL	13.4253 mL	26.8507 mL
5 mM	0.537 mL	2.6851 mL	5.3701 mL
10 mM	0.2685 mL	1.3425 mL	2.6851 mL
50 mM	0.0537 mL	0.2685 mL	0.537 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

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481