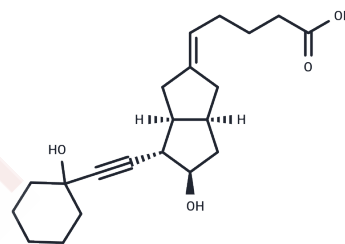


13,14-dehydro-15-cyclohexyl Carbaprostacyclin

Chemical Properties

CAS No. :	145375-81-1
Formula:	C ₂₁ H ₃₀ O ₄
Molecular Weight:	346.467
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	13,14-dehydro-15-cyclohexyl Carbaprostacyclin is a chemically stable analog of PGI ₂ . It inhibits the ADP-induced aggregation of human platelets with an ED ₅₀ of about 40 nM in PRP and 77 nM in washed platelets, which is comparable to the potency of carbaprostacyclin.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMF: >10 mg/mL (from 6B-PGI ₂),Sonication is recommended. DMSO: >5 mg/mL (from 6B-PGI ₂),Sonication is recommended. PBS (pH 7.2): >80 mg/mL (from 6B-PGI ₂),Sonication is recommended. Ethanol: >20 mg/mL (from 6B-PGI ₂),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	2.8863 mL	14.4313 mL	28.8625 mL
5 mM	0.5773 mL	2.8863 mL	5.7725 mL
10 mM	0.2886 mL	1.4431 mL	2.8863 mL
50 mM	0.0577 mL	0.2886 mL	0.5773 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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