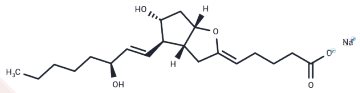
Data Sheet (Cat.No.T15238)

TargetMol

Epoprostenol sodium

Chemical Properties



CAS No. : 61849-14-7

Formula: C20H31NaO5

Molecular Weight: 374.45

Storage: Store at low temperature
Powder: -20°C for 3 years
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Epoprostenol sodium (Prostaglandin I2 sodium salt) is a short-acting vasodilator, a synthetic prostacyclin, and can be used to study pulmonary hypertension and congestive heart failure.
Targets(IC50)	Apoptosis,Endogenous Metabolite

Solubility Information

Solubility	H2O: 20 mg/mL (53.41 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6706 mL	13.3529 mL	26.7058 mL
5 mM	0.5341 mL	2.6706 mL	5.3412 mL
10 mM	0.2671 mL	1.3353 mL	2.6706 mL
50 mM	0.0534 mL	0.2671 mL	0.5341 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.

Reference

Provencher S, et al.Quality of life, safety and efficacy profile of thermostable flolan in pulmonary arterialhypertension. PLoS One. 2015 Mar 20;10(3):e0120657.

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