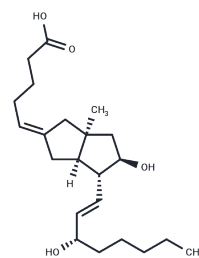


## Ciprostene (free base)

## Chemical Properties

CAS No. :	81845-44-5
Formula:	C <sub>22</sub> H <sub>36</sub> O <sub>4</sub>
Molecular Weight:	364.52
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	Ciprostene (free base) is a synthetic, chemically stable analog of prostacyclin (PGI <sub>2</sub> ). In animal models, administration of ciprostene resulted in dose-dependent hypotension, tachycardia, and inhibition of ex vivo ADP-induced platelet aggregation. Ciprostene was evaluated in clinical trials in patients with peripheral vascular disease. It was found to reduce restenosis in patients with coronary artery disease undergoing therapeutic percutaneous transluminal coronary angioplasty.
Targets(IC50)	Others, Prostaglandin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7433 mL	13.7167 mL	27.4333 mL
5 mM	0.5487 mL	2.7433 mL	5.4867 mL
10 mM	0.2743 mL	1.3717 mL	2.7433 mL
50 mM	0.0549 mL	0.2743 mL	0.5487 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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