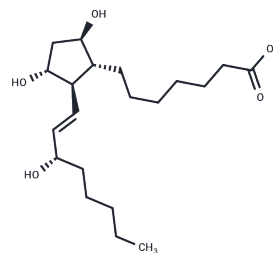


Prostaglandin F1 $\beta$ 

## Chemical Properties

CAS No. :	10164-73-5
Formula:	C <sub>20</sub> H <sub>36</sub> O <sub>5</sub>
Molecular Weight:	356.5
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	PGF1 $\beta$ , a biochemical compound, functions as a pivotal mediator in inflammatory processes and plays an integral role in uterine contractions. It exhibits significant regulatory effects on platelet aggregation and vasodilation, demonstrating its critical importance in cardiovascular health. Additionally, PGF1 $\beta$ contributes to the regulation of kidney function and electrolyte balance, illustrating its widespread impact across various physiological systems.
Targets(IC50)	Others, Prostaglandin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.805 mL	14.0252 mL	28.0505 mL
5 mM	0.561 mL	2.805 mL	5.6101 mL
10 mM	0.2805 mL	1.4025 mL	2.805 mL
50 mM	0.0561 mL	0.2805 mL	0.561 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