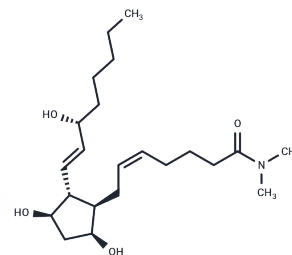


Prostaglandin F2 α dimethyl amide

Chemical Properties

CAS No. :	68192-15-4
Formula:	C ₂₂ H ₃₉ N ₂ O ₄
Molecular Weight:	381.55
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	Prostaglandin F2 α dimethyl amide, an antagonist of Prostaglandin F2 α , inhibits 50% of the contraction induced by PGF2 α in the colon of gerbil (<i>Meriones unguiculatus</i>) at a concentration of 3.2 μ g/mL [1].
Targets(IC50)	Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6209 mL	13.1044 mL	26.2089 mL
5 mM	0.5242 mL	2.6209 mL	5.2418 mL
10 mM	0.2621 mL	1.3104 mL	2.6209 mL
50 mM	0.0524 mL	0.2621 mL	0.5242 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481