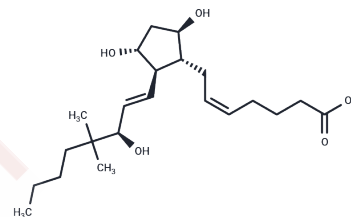


16,16-dimethyl Prostaglandin F2 β

Chemical Properties

CAS No. :	59769-89-0
Formula:	C ₂₂ H ₃₈ O ₅
Molecular Weight:	382.541
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	16,16-Dimethyl PGF ₂ β , a metabolically stable analog of PGF ₂ β , mitigates bronchospasm in asthma patients, albeit with lower potency compared to PGE ₂ .
Targets(IC50)	Others, Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6141 mL	13.0705 mL	26.1411 mL
5 mM	0.5228 mL	2.6141 mL	5.2282 mL
10 mM	0.2614 mL	1.3071 mL	2.6141 mL
50 mM	0.0523 mL	0.2614 mL	0.5228 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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