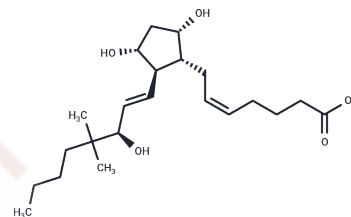


16,16-dimethyl Prostaglandin F2 α

Chemical Properties

CAS No. :	39746-23-1
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 Prostaglandin F2 α can be used in related research in the field of life sciences. Its product number is T37993 and CAS number is 39746-23-1.
Targets(IC50)	Others,Prostaglandin Receptor

Solubility Information

Solubility	DMSO: >100 mg/mL (from PGF2a),Sonication is recommended. 10 mM Na ₂ CO ₃ : >6.5 mg/mL (from PGF2a),Sonication is recommended. Ethanol: >100 mg/mL (from PGF2a),Sonication is recommended. PBS (pH 7.2): >10 mg/mL (from PGF2a),Sonication is recommended. DMF: >100 mg/mL (from PGF2a),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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