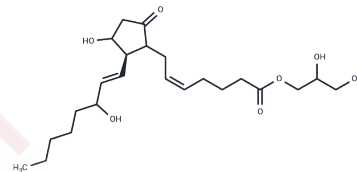


Prostaglandin E2-1-glyceryl ester

Chemical Properties

CAS No. :	37497-47-5
Formula:	C23H38O7
Molecular Weight:	426.55
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 E2-1-glyceryl ester, a member of the Prostaglandin Glycerol Ester family, serves as an endocannabinoid ligand targeting the CB1 receptor. This compound triggers a swift and transient surge in intracellular free calcium levels [1] [2].
Targets(IC50)	Cannabinoid Receptor,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3444 mL	11.722 mL	23.4439 mL
5 mM	0.4689 mL	2.3444 mL	4.6888 mL
10 mM	0.2344 mL	1.1722 mL	2.3444 mL
50 mM	0.0469 mL	0.2344 mL	0.4689 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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