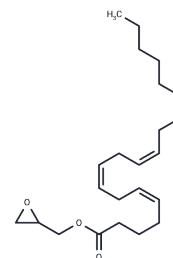


O-Arachidonoyl glycidol

Chemical Properties

CAS No. :	439146-24-4
Formula:	C23H36O3
Molecular Weight:	360.53
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	O-Arachidonoyl glycidol (compound 1), a 2-arachidonoylglycerol (2-AG) analog, effectively inhibits the hydrolysis of cytosolic 2-oleoylglycerol (2-OG) with an IC50 value of 4.5 μ M, and also blocks 2-OG and anandamide hydrolysis in membrane fractions with IC50 values of 19 μ M and 12 μ M, respectively [1].
Targets(IC50)	Cannabinoid Receptor,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7737 mL	13.8685 mL	27.7369 mL
5 mM	0.5547 mL	2.7737 mL	5.5474 mL
10 mM	0.2774 mL	1.3868 mL	2.7737 mL
50 mM	0.0555 mL	0.2774 mL	0.5547 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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