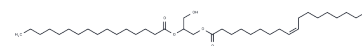


1-Oleoyl-2-Palmitoyl-rac-glycerol

Chemical Properties

CAS No. :	3331-34-8
Formula:	C37H70O5
Molecular Weight:	594.962
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	1-Oleoyl-2-palmitoyl-rac-glycerol (1,2-OP) is a diacylglycerol containing oleic acid at the sn-1 position and palmitic acid at the sn-2 position. It enhances the inhibition of superoxide anion production by cytochalasin B when used at a concentration of 10 µM. The concentration of 1,2-OP decreases from 25.7 to 11.15% during the dry-curing process of Iberian ham.
Targets(IC50)	Others, Reactive Oxygen Species

Solubility Information

Solubility	Chloroform: Slightly soluble Ethyl Acetate: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6808 mL	8.4039 mL	16.8079 mL
5 mM	0.3362 mL	1.6808 mL	3.3616 mL
10 mM	0.1681 mL	0.8404 mL	1.6808 mL
50 mM	0.0336 mL	0.1681 mL	0.3362 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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