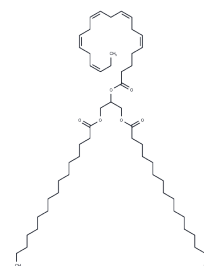


1,3-Dipalmitoyl-2-Eicosapentaenoyl-rac-glycerol

Chemical Properties

CAS No. :	148691-18-3
Formula:	C55H96O6
Molecular Weight:	853.367
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	1,3-Dipalmitoyl-2-eicosapentaenoyl-rac-glycerol is a triacylglycerol that contains palmitic acid at the sn-1 and sn-3 positions and eicosapentaenoic acid at the sn-2 position. Dietary administration of 1,3-dipalmitoyl-2-eicosapentaenoyl-rac-glycerol decreases hepatic triacylglycerol levels in mice.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMF: 10 mg/mL (11.72 mM),Sonication is recommended. Ethanol:PBS (pH 7.2) (1:1): 0.5 mg/mL (0.59 mM),Sonication is recommended. Ethanol: 10 mg/mL (11.72 mM),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	1.1718 mL	5.8591 mL	11.7182 mL
5 mM	0.2344 mL	1.1718 mL	2.3436 mL
10 mM	0.1172 mL	0.5859 mL	1.1718 mL
50 mM	0.0234 mL	0.1172 mL	0.2344 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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