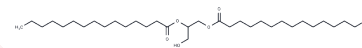


1,2-Dipentadecanoyl-rac-glycerol

Chemical Properties

CAS No. :	98896-79-8
Formula:	C33H64O5
Molecular Weight:	540.86
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	1,2-Dipentadecanoyl-rac-glycerol (DG(15:0/15:0/0:0)) is a compound referenced in studies examining the effect of insulin on the content of 1,2-diacylglycerol in rat hearts. Insulin is observed to increase the amount of 1,2-diacylglycerol containing specific fatty acid compositions in the heart, which may be linked to cardiac contractility.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8489 mL	9.2445 mL	18.4891 mL
5 mM	0.3698 mL	1.8489 mL	3.6978 mL
10 mM	0.1849 mL	0.9245 mL	1.8489 mL
50 mM	0.037 mL	0.1849 mL	0.3698 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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