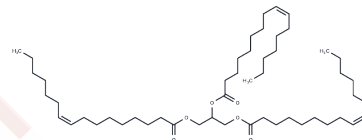


Tripalmitolein

Chemical Properties

CAS No. :	20246-55-3
Formula:	C51H92O6
Molecular Weight:	801.291
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	Tripalmitolein is a triacylglycerol that contains palmitoleic acid at the sn-1, sn-2, and sn-3 positions. It reduces red blood cell deformability in a concentration-dependent manner in a Reid's filtration assay. Hepatic levels of 1,2,3-tripalmitoleoyl-rac-glycerol are increased in the JAK2L mouse model of hepatic steatosis. Tripalmitolein plasma levels are decreased in renal patients before dialysis.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

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

	1mg	5mg	10mg
1 mM	1.248 mL	6.2399 mL	12.4799 mL
5 mM	0.2496 mL	1.248 mL	2.496 mL
10 mM	0.1248 mL	0.624 mL	1.248 mL
50 mM	0.025 mL	0.1248 mL	0.2496 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.

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