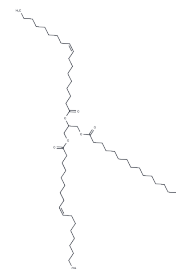


Palmitodiolein

Chemical Properties

CAS No. :	2190-30-9
Formula:	C55H102O6
Molecular Weight:	859.4
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	Palmitodiolein is a triacylglycerol existed in vegetable oils.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 12.5 mg/mL (14.55 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 1 mg/mL (1.16 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1636 mL	5.818 mL	11.636 mL
5 mM	0.2327 mL	1.1636 mL	2.3272 mL
10 mM	0.1164 mL	0.5818 mL	1.1636 mL
50 mM	0.0233 mL	0.1164 mL	0.2327 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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