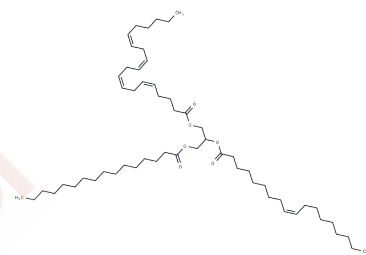


## 1-Palmitoyl-2-Oleoyl-3-Arachidonoyl-rac-glycerol

## Chemical Properties

CAS No. :	675876-04-7
Formula:	C57H100O6
Molecular Weight:	881.421
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-Palmitoyl-2-oleoyl-3-arachidonoyl-rac-glycerol is a triacylglycerol that contains palmitic acid, oleic acid, and arachidonic acid at the sn-1, sn-2, and sn-3 positions, respectively. It has been found in lipid extracts from whole rat retina. 1
Targets(IC50)	Others,Endogenous Metabolite

## Solubility Information

Solubility	Ethanol:PBS (pH 7.2) (1:1): 500 µg/mL,Sonication is recommended. Chloroform: Slightly soluble DMF: 10 mg/mL (11.35 mM),Sonication is recommended. Ethanol: 10 mg/mL (11.35 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	1.1345 mL	5.6727 mL	11.3453 mL
5 mM	0.2269 mL	1.1345 mL	2.2691 mL
10 mM	0.1135 mL	0.5673 mL	1.1345 mL
50 mM	0.0227 mL	0.1135 mL	0.2269 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481