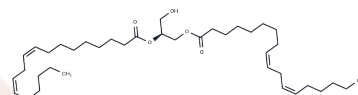


## 1,2-Dilinoleoyl-sn-glycerol

## Chemical Properties

CAS No. :	24529-89-3
Formula:	C39H68O5
Molecular Weight:	616.95
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-Dilinoleoyl-sn-glycerol is a diacylglycerol (DAG) with linoleic acid (18:2) side chains at both the sn-1 and sn-2 positions. Identified in phosphatidic acid from rat liver mitochondria and spinach chloroplast membranes, it is upregulated in some pregnant women and used as a biomarker to predict later preeclampsia in early pregnancy.
Targets(IC50)	Others,Endogenous Metabolite

## Solubility Information

Solubility	DMF: 20 mg/mL (32.42 mM),Sonication is recommended. PBS (pH 7.2): 0.25 mg/mL (0.41 mM),Sonication is recommended. Ethanol: 30 mg/mL (48.63 mM),Sonication is recommended. DMSO: 5 mg/mL (8.1 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	1.6209 mL	8.1044 mL	16.2088 mL
5 mM	0.3242 mL	1.6209 mL	3.2418 mL
10 mM	0.1621 mL	0.8104 mL	1.6209 mL
50 mM	0.0324 mL	0.1621 mL	0.3242 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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