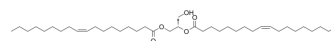


1,2-Dioleoyl-sn-glycerol

Cat. No.:	HY-141572	
CAS No.:	24529-88-2	
Molecular Formula:	C ₃₉ H ₇₂ O ₅	
Molecular Weight:	620.99	
Target:	Biochemical Assay Reagents	
Pathway:	Others	
Storage:	Pure form	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 7 mg/mL (11.27 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.6103 mL	8.0517 mL	16.1033 mL
5 mM	0.3221 mL	1.6103 mL	3.2207 mL
10 mM	0.1610 mL	0.8052 mL	1.6103 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

ALN29882 is a glycerolipid located on the plasma membrane. It consists of two fatty acid chains covalently linked to a single glycerol molecule by means of an ester bond. 18:1 DG has been used as a source of diacylglycerol in the diacylglycerol O-acyltransferase 1 (DGAT1) assay. It is also used as a substrate in the DGAT-1 enzyme assay to evaluate compounds as potential inhibitors of DGAT-1. Suitable for lipoprotein overlay screening assays with the recombinant protein His-AtROP6.

Caution: Product has not been fully validated for medical applications. For research use only.

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