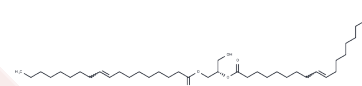


ALN29882

Chemical Properties

CAS No. : 24529-88-2
 Formula: C39H72O5
 Molecular Weight: 620.99
 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	ALN29882 is a glycerolipid, that is located at the plasma membrane. It is made up of two fatty acid chains that are covalently attached to a single glycerol molecule with the help of an ester linkage. 18:1 DG has been used as a diacyl-glycerol source in diacylglycerol O-acyltransferase 1 (DGAT1) assay. It has also been used as substrate to assess compounds as potential inhibitors of DGAT-1 in DGAT-1 enzyme assay. It is suitable to use in lipid-protein overlay screen assay with the recombinant protein His-AtROP6.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6103 mL	8.0517 mL	16.1033 mL
5 mM	0.3221 mL	1.6103 mL	3.2207 mL
10 mM	0.161 mL	0.8052 mL	1.6103 mL
50 mM	0.0322 mL	0.161 mL	0.3221 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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