

1,2-O-Dioctadecyl-rac-glycerol

Chemical Properties

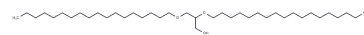
CAS No. : 6076-38-6

Formula: C₃₉H₈₀O₃

Molecular Weight: 597.066

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-O-Dioctadecyl-rac-glycerol, a saturated dialkyl glyceryl ether featuring octadecyl groups at the sn-1 and sn-2 positions, closely resembles the structure of diacylglycerol. This similarity allows its use in model lipid bilayers to explore the dynamics of different biological membrane compositions.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6748 mL	8.3742 mL	16.7485 mL
5 mM	0.335 mL	1.6748 mL	3.3497 mL
10 mM	0.1675 mL	0.8374 mL	1.6748 mL
50 mM	0.0335 mL	0.1675 mL	0.335 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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