

2-Stearoyl-rac-glycerol

Chemical Properties

CAS No. : 621-61-4

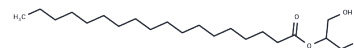
Formula: C₂₁H₄₂O₄

Molecular Weight: 358.56

Storage: Keep away from direct sunlight, Store at low temperature

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	2-Stearoyl-rac-glycerol is a natural product and monoglyceride, serving as an endogenous metabolite in mice and rats.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7889 mL	13.9447 mL	27.8893 mL
5 mM	0.5578 mL	2.7889 mL	5.5779 mL
10 mM	0.2789 mL	1.3945 mL	2.7889 mL
50 mM	0.0558 mL	0.2789 mL	0.5578 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.

Reference

Zhang Y, et al. Synthesis and concentration of 2-monoacylglycerols rich in polyunsaturated fatty acids. Food Chem. 2018 Jun 1;250:60-66.

Geng Y, et al. Differential effects of oleate on vascular endothelial and liver sinusoidal endothelial cells reveal its toxic features in vitro. J Nutr Biochem. 2023 Apr;114:109255.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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