

1-Oleoyl-sn-glycerol

Chemical Properties

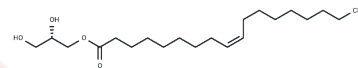
CAS No. : 129784-87-8

Formula: C₂₁H₄₀O₄

Molecular Weight: 356.54

Storage: Keep away from direct sunlight, Store under nitrogen
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-Oleoyl-sn-glycerol is a glycerol ester and endogenous metabolite in mice, exhibiting toxicity towards <i>Artemia salina</i> .
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (224.38 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8047 mL	14.0237 mL	28.0473 mL
5 mM	0.5609 mL	2.8047 mL	5.6095 mL
10 mM	0.2805 mL	1.4024 mL	2.8047 mL
50 mM	0.0561 mL	0.2805 mL	0.5609 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

Rudzińska M, et al. Thermo-oxidative stability of asymmetric distigmasterol-modified acylglycerols as novel derivatives of plant sterols. *Food Chem.* 2022 Oct 1;390:133150.

Rudzińska M, et al. Distigmasterol-Modified Acylglycerols as New Structured Lipids-Synthesis, Identification and Cytotoxicity. *Molecules.* 2021 Nov 12;26(22):6837.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481