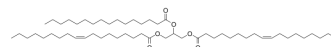


1,3-Dioleoyl-2-palmitoylglycerol

Cat. No.:	HY-N10372
CAS No.:	1716-07-0
Molecular Formula:	C ₅₅ H ₁₀₂ O ₆
Molecular Weight:	859.39
Target:	Others
Pathway:	Others
Storage:	<div>Pure form</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div>



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (116.36 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.1636 mL	5.8181 mL	11.6362 mL
	5 mM		0.2327 mL	1.1636 mL	2.3272 mL
	10 mM		0.1164 mL	0.5818 mL	1.1636 mL

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

BIOLOGICAL ACTIVITY

Description

1,3-Dioleoyl-2-palmitoylglycerol is an important triacylglycerol in infant formulas^[1].

REFERENCES

[1]. Qin XL, et al. Preparation and characterization of 1,3-dioleoyl-2-palmitoylglycerol. J Agric Food Chem. 2011;59(10):5714-5719.

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

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