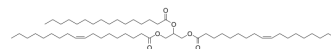


## 1,3-Dioleoyl-2-palmitoylglycerol

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



### 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<sup>[1]</sup>.

### 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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