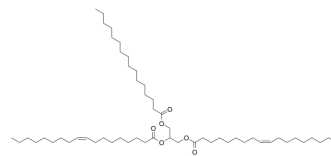


Palmitodiolein

Cat. No.:	HY-112132
CAS No.:	2190-30-9
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)					
	Preparing Stock Solutions	<div>Solvent Concentration</div>	Mass	1 mg	5 mg	10 mg
		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.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.25 mg/mL (1.45 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 1.25 mg/mL (1.45 mM); Suspended solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (1.45 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Palmitodiolein (Triglyceride POO) is a triacylglycerol which is present in vegetable oils.
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Caution: Product has not been fully validated for medical applications. For research use only.

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