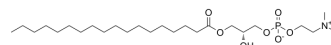


1-Stearoyl-sn-glycero-3-phosphocholine

Cat. No.:	HY-125771
CAS No.:	19420-57-6
Molecular Formula:	C ₂₆ H ₅₄ NO ₇ P
Molecular Weight:	523.68
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	Ethanol : 12.5 mg/mL (23.87 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		1.9096 mL	9.5478 mL	19.0956 mL
		5 mM		0.3819 mL	1.9096 mL	3.8191 mL
10 mM		0.1910 mL	0.9548 mL	1.9096 mL		
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% EtOH >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.25 mg/mL (2.39 mM); Clear solution Add each solvent one by one: 10% EtOH >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (2.39 mM); Clear solution Add each solvent one by one: 10% EtOH >> 90% corn oil Solubility: ≥ 1.25 mg/mL (2.39 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	1-Stearoyl-sn-glycero-3-phosphocholine is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
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Caution: Product has not been fully validated for medical applications. For research use only.

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