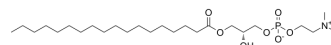


1-Stearoyl-sn-glycero-3-phosphocholine

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 Concentration	Mass	1 mg	5 mg	10 mg
			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	1. 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					
	2. 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					
	3. 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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