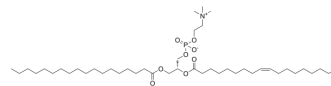


SOPC

Cat. No.:	HY-W440982		
CAS No.:	56421-10-4		
Molecular Formula:	C ₄₄ H ₈₆ NO ₈ P		
Molecular Weight:	788.13		
Target:	Liposome		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 2 mg/mL (2.54 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.2688 mL	6.3441 mL	12.6883 mL
5 mM	---	---	---
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

SOPC is an asymmetrical phospholipid with saturated fatty acid (stearic acid/18:0) at sn-1 position and unsaturated fatty acid (oleic acid/18:1) at sn-2 position. SOPC can be used for various biochemical studies^[1].

REFERENCES

[1]. V. Vitkova , et al. Mitov & I. Bivas (2006) Sugars in the Aqueous Phase Change the Mechanical Properties of Lipid Mono- and Bilayers, Molecular Crystals and Liquid Crystals, 449:1, 95-106.

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

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