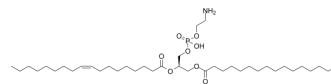


1-Palmitoyl-2-oleoyl-sn-glycero-3-PE

Cat. No.:	HY-W583868		
CAS No.:	26662-94-2		
Molecular Formula:	C ₃₉ H ₇₆ NO ₈ P		
Molecular Weight:	718		
Target:	Liposome		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

Methanol : 2.5 mg/mL (3.48 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.3928 mL	6.9638 mL	13.9276 mL
5 mM	---	---	---
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

1-Palmitoyl-2-oleoyl-sn-glycero-3-PE is a phospholipid, and can be used for drug delivery^[1].

REFERENCES

[1]. Álvarez-Benedicto E, et al. Optimization of phospholipid chemistry for improved lipid nanoparticle (LNP) delivery of messenger RNA (mRNA). *Biomater Sci.* 2022 Jan 18;10(2):549-559.

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

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