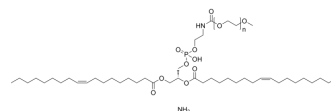


18:1 PEG2000 PE

Cat. No.:	HY-144010
CAS No.:	474922-90-2
Molecular Formula:	$(C_2H_4O)_n C_{43}H_{80}NO_{10}P.NH_3$
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°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	DMSO : 100 mg/mL (Need ultrasonic)
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 10 mg/mL (Infinity mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 10 mg/mL (Infinity mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 10 mg/mL (Infinity mM); Clear solution

BIOLOGICAL ACTIVITY

Description	18:1 PEG2000 PE (18:1 PEG-PE) is a polyethyleneglycol/phosphatidyl-ethanolamine conjugate. 18:1 PEG2000 PE can be used for drug delivery ^[1] .
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REFERENCES

[1]. Anatoly N Lukyanov, et al. Increased accumulation of PEG-PE micelles in the area of experimental myocardial infarction in rabbits. J Control Release. 2004 Jan 8;94(1):187-93.

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

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