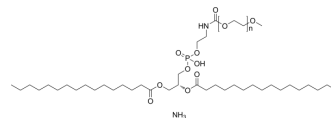


## 16:0 PEG2000 PE

Cat. No.:	HY-144012
CAS No.:	474922-84-4
Molecular Formula:	$(C_2H_4O)_n C_{39}H_{76}NO_{10}P.H_3N$
Target:	Liposome
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	DMSO : 100 mg/mL (Need ultrasonic)
----------	------------------------------------

### BIOLOGICAL ACTIVITY

Description	16:0 PEG2000 PE (DPPE-PEG2000) is a PEG-modified lipids. 16:0 PEG2000 PE can reduce the nonspecific adsorption of protein and prolong circulation time in vivo <sup>[1]</sup> .
-------------	---

### REFERENCES

[1]. Xiao H, et al. Regulation of microglia polarization via mannose receptor-mediated delivery of siRNA by ligand-functionalized DoGo LNP. RSC Adv. 2021 Oct 4;11(52):32549-32558.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA