

## DPPE-mPEG

## Chemical Properties

CAS No. :	474922-84-4
Formula:	(C <sub>2</sub> H <sub>4</sub> O) <sub>n</sub> C <sub>39</sub> H <sub>76</sub> N <sub>10</sub> P.H <sub>3</sub> N
Molecular Weight:	
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	DPPE-mPEG is a PEG-modified lipid that can reduce non-specific protein adsorption and prolong its circulation time in vivo.
Targets(IC50)	Liposome

## Solubility Information

Solubility	DMSO: 80 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

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.

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