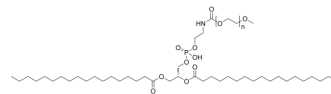


18:0 mPEG2000 PE

Cat. No.:	HY-142978
CAS No.:	156543-00-9
Molecular Formula:	$(C_2H_4O)_n C_{43}H_{84}NO_{10}P$
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description 18:0 mPEG2000 PE (DSPE-mPEG2000) is a PEG-based phospholipid. 18:0 mPEG2000 PE can be used to synthesis liposomes for delivering cancer agents^{[1][2]}.

CUSTOMER VALIDATION

- Int J Nanomedicine. 2023 Oct 31.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Lainé AL, et al. Conventional versus stealth lipid nanoparticles: formulation and in vivo fate prediction through FRET monitoring. J Control Release. 2014 Aug 28;188:1-8.
- [2]. Rathore SS, et al. Effect of surface charge and density of distearylphosphatidylethanolamine-mPEG-2000 (DSPE-mPEG-2000) on the cytotoxicity of liposome-entrapped ricin: effect of lysosomotropic agents. Int J Pharm. 2008 Feb 28;350(1-2):79-94.

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

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