

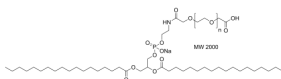
## DSPE-PEG Carboxylic acid (sodium) (MW 2000)

Cat. No.: HY-141892A  
CAS No.: 1403744-37-5  
Batch No.: 252095  
Chemical Name: Poly(oxy-1,2-ethanediyl),  $\alpha$ -(carboxymethyl)- $\omega$ -[[[(10R)-7-hydroxy-7-oxido-2,13-dioxo-10-[(1-oxooctadecyl)oxy]-6,8,12-trioxa-3-aza-7-phosphatriacont-1-yl]oxy]-, sodium salt (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $(C_2H_4O)_n C_{45}H_{86}NO_{12}P.Na$   
Molecular Weight: 2000(Average)  
Storage: -20°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
Purity (NMR):  $\geq 96.0\%$   
Conclusion: The product has been tested and complies with the given specifications.

**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