



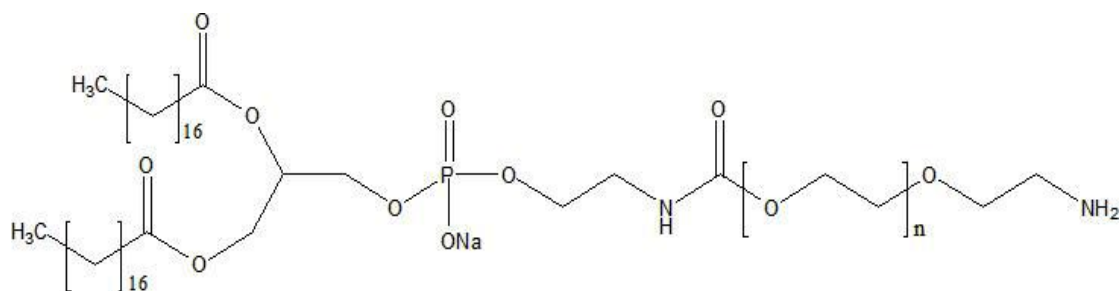
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## Certificate of Analysis

### General properties:

Product Name: DSPE-PEG-NH2  
Molecular Weight: PEG MW:750, 1000, 2000, 3400, 5000 Dalton  
Catalog Number: R-0038  
Lot Number: RA271323

### Product Structure:



### Product Specifications:

Items	Specification	Results
Appearance	White powder or viscous liquid	White powder or viscous liquid
<sup>1</sup> H NMR	Identical to the structure	Identical to the structure
Substitution of DSPE by NMR	>90%	>90%
Substitution of NH2 by NMR	>90%	>90%

Date of Analysis: 2017.09.13

Recommended Retest date: 2018.09.12

Recommended Storage: -20°C in the dark

Stability: 1 year

**This product is for research use only, Not for human or animal use**

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