



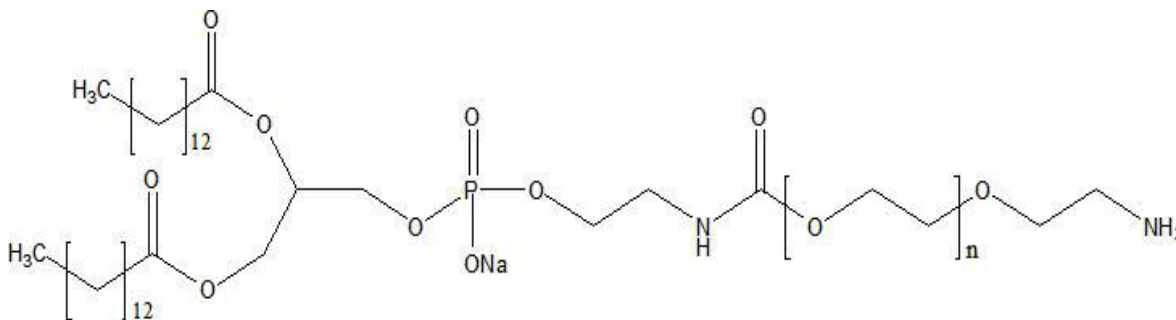
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## Certificate of Analysis

### General properties:

Product Name: DMPE-PEG-NH<sub>2</sub>  
Molecular Weight: PEG MW: 750, 1000, 2000, 3400, 5000 Dalton  
Catalog Number: R-0207  
Lot Number: RS371610

### Product Structure:



### Product Specifications:

Items	Specification	Results
Appearance	White solid or viscous liquid	White solid or viscous liquid
<sup>1</sup> H NMR	Identical to the structure	Identical to the structure
Substitution of DMPE by NMR	>90%	>90%
Substitution of NH <sub>2</sub> by NMR	>90%	>90%

Date of Analysis: 2017.09.16

Recommended Retest date: 2018.09.15

Recommended Storage: -20°C in the dark

Stability: 1 year

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