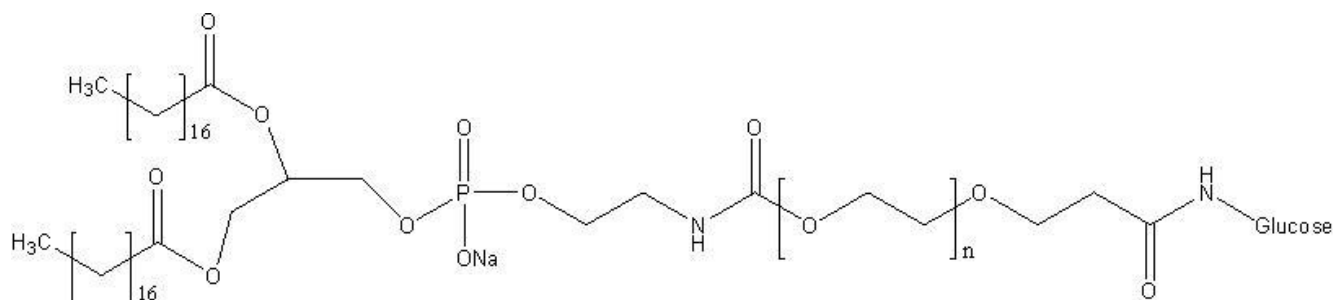


Certificate of Analysis

General properties:

Product Name: DSPE-PEG-Glucose
 Molecular Weight: PEG MW:750/1000/2000/3400/5000 Dalton
 Catalog Number: R-9993
 Lot Number: RS018133

Product Structure:



Product Specifications:

| Items | Specification | Results |
|--------------------------------|--------------------------------|--------------------------------|
| Appearance | Solid powder or viscous liquid | Solid powder or viscous liquid |
| ¹ H NMR | Identical to the structure | Identical to the structure |
| Substitution of DSPE by NMR | >90% | >90% |
| Substitution of Glucose by NMR | >90% | >90% |

Date of Analysis: 2018.09.13

Recommended Retest date: 2019.09.12

Recommended Storage: -20°C

Stability: 1 year

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