DSPE-PEG(2000) Maleimide
1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[maleimide(polyethylene glycol)-2000] (ammonium salt)

880126P-10mg

Molecular Weight 2941.605 (average MW due to polydispersity of PEG)
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6288PIC056
Avanti Lot Number 880126P-10MG-C-056

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<th>ANALYSIS</th>
<th>SPECIFICATION</th>
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<td>Physical Examination</td>
<td><strong>Powder:</strong> White solid which contains no foreign matter</td>
<td>Pass</td>
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| TLC (4:1 Dichloromethane: Methanol) | >99% Purity  
Ninhydrin: negative  
Iodine: one major spot  
Phosphorus: positive  
Charring: faint positive  
Water dip: one major spot | All Pass               |
| HPLC-ELSD                    | NLT 99% (AUC)                                      | 99.2% (AUC)           |
| FAME (GC/FID)                | NLT 99% 18:0 (AUC)                                 | 100% (AUC)            |
| Proton NMR                   | NMR spectrum consistent with structure              | Consistent with structure |

Approved by: [Signature]

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