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 6288PIA056
Avanti Lot Number 880126P-10MG-A-056

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Examination</td>
<td><strong>Powder</strong>: White solid which contains no foreign matter</td>
<td>Pass</td>
</tr>
</tbody>
</table>
| 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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