

DSPE-PEG(2000) Biotin

1,2-distearoyl-sn-glycero- 3-phosphoethanolamine-N-[biotinyl polyethylene glycol-2000] (ammonium salt)

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Molecular Weight 3016.781 (average MW due to polydispersity of PEG)
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6291CII034
Avanti Lot Number 880129C-10MG-I-034

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------------------|---|---------------------------|
| Physical Examination | Chloroform: Clear solution with no foreign matter | Pass |
| TLC (8:2 Chloroform:Methanol) | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: faint positive (due to biotin headgroup) Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with reference structure | Consistent with structure |



Approved By:

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