

**DSPE-PEG(2000) Biotin**

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

**880129C-50mg**
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<b>Molecular Weight</b>	3016.781 (average MW due to polydispersity of PEG)
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6291CKB033
<b>Lot Number</b>	880129C-50MG-B-033

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> 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:

