

## DSPE-PEG(2000) Biotin

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

880129C-10mg

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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>	6291CIB034
<b>Avanti Lot Number</b>	880129C-10MG-B-034

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:



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