

**DSPE PEG(2000)-N-Cy5**

1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[amino(polyethylene glycol)-2000]-N-(Cyanine 5)

**810891C-1mg**

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<b>Molecular Weight</b>	3238.10
<b>Chemical Formula</b>	C <sub>164</sub> H <sub>299</sub> N <sub>4</sub> O <sub>55</sub> P
<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>	6590CGG010
<b>Avanti Lot Number</b>	810891C-1MG-G-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Blue solution which contains no foreign matter	Pass
TLC (85:15:1 Chloroform: Methanol: Water)	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

 Approved By: *Andriana Thomas*

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