

## 18:0 Cy5 PE

1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-(Cyanine 5)

810345C-5mg

Page 1 of 1

<b>Molecular Weight</b>	1266.2
<b>Chemical Formula</b>	C <sub>73</sub> H <sub>122</sub> CIN <sub>4</sub> O <sub>9</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5445CHB013
<b>Avanti Lot Number</b>	810345C-5MG-B-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Blue solution with no foreign matter	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Mass Spectroscopy	[M-Cl-NH <sub>4</sub> +H] <sup>+</sup> = 1213.75 ± 1 amu	[M-Cl-NH <sub>4</sub> +H] <sup>+</sup> = 1212.9 amu
NBD/Liss Rhod Concentration	Run and Report	5.75 mg/mL
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

Approved By:



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