

18:0 Cy5 PE

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

810345C-1mg

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Molecular Weight	1266.200
Chemical Formula	C ₇₃ H ₁₂₂ CIN ₄ O ₉ P
Physical State	Chloroform
Storage	-20 °C
Expiration Date	Three months from date of receipt
M Lot Number	5445CGA010
Avanti Lot Number	810345C-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: 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 ₄ +H] ⁺ = 1213.75 ± 1 amu	[M-Cl-NH ₄ +H] ⁺ = 1213.6 amu
Excitation/Emission by UV/VIS	646/662 nm	Pass

Approved By:

