

18:1 Cyanine 5.5 PE

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(Cyanine 5.5)

810336C-5mg

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Molecular Weight	1362.28
Chemical Formula	C ₈₁ H ₁₂₂ CIN ₄ O ₉ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5442CHA012
Avanti Lot Number	810336C-5MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Blue solution with no foreign matter	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Cl-NH ₄ +H] ⁺ = 1309.830 ± 1 amu	[M-Cl-NH ₄ +H] ⁺ = 1308.9 amu

Approved By:



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