

18:1 Cy5.5 PE

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

810336C-5mg

Page 1 of 1

Molecular Weight	1362.280
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	5442CHA010
Avanti Lot Number	810336C-5MG-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] ⁺ = 1309.820 ± 1 amu	[M-Cl-NH ₄ +H] ⁺ = 1309.6 amu
Excitation/Emission by UV/VIS	684/710 nm	Pass

Approved By:

