

18:1 Cy5 PE

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

810335C-5mg

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Molecular Weight	1262.190
Chemical Formula	C ₇₃ H ₁₁₈ CIN ₄ O ₉ P
Physical State	Chloroform
Storage	-20 °C
Expiration Date	Three months from date of receipt
M Lot Number	5441CHA011
Avanti Lot Number	810335C-5MG-A-011

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	All Pass
Mass Spectroscopy	[M-Cl-NH ₄ +H] ⁻ = 1208.7 ± 1 amu	Pass

Approved By:

