

18:1 PE-TopFluor[®] AF594

 1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(TopFluor[®] AF594) (ammonium salt)

810387C-250ug

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Molecular Weight	1499.89
Chemical Formula	C ₇₆ H ₁₁₉ N ₆ O ₁₈ PS ₂
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6601COF010
Avanti Lot Number	810387C-250UG-F-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Purple solution which contains no foreign matter.	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>99% Purity UV: one major spot Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-3NH ₄ +H] ²⁻ = 723.45 ± 1 amu [M-3NH ₄ +2H] ⁻ = 1447.89 ± 1 amu	[M-3NH ₄ +H] ²⁻ = 723.5 amu [M-3NH ₄ +2H] ⁻ = 1447.3 amu
Excitation/Emission by UV/VIS	λ _{Ex max} = 583nm λ _{Em max} = 615nm	Pass

 Approved By: *Anderson Thomas*

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