

18:1 PE-TopFluor[®] AF488

 1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(TopFluor[®] AF488) (ammonium salt)

810386C-250ug

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Molecular Weight	1311.58
Chemical Formula	C ₆₂ H ₉₉ N ₆ O ₁₈ PS ₂
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6602COC010
Avanti Lot Number	810386C-250UG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Red solution which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>99% Purity UV: one major spot Ninhydrin: positive 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⁻ = 629.79 ± 1 amu	[M-3NH ₄ +H] ²⁻ = 628.8 amu
Excitation/Emission by UV/Vis	λ _{Ex max} = 495 nm λ _{Em max} = 519 nm	Pass

Approved By:



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