

16:0 Liss Rhod PE

1,2-dipalmitoyl-sn-glycero-3-phosphoethanolamine-N-(lissamine rhodamine B sulfonyl) (ammonium salt)

810158C-5mg

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Molecular Weight	1249.641
Chemical Formula	C ₆₄ H ₁₀₅ N ₄ O ₁₄ PS ₂
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5348CHA037
Avanti Lot Number	810158C-5MG-A-037

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Pink to dark pink solution with no foreign matter	Pass
TLC	>99% Purity UV: one major spot Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity UV: one major spot 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-NH ₄] ⁺ = 1231.6 ± 1 amu	[M-NH ₄] ⁺ = 1230.6 amu
Excitation/Emission	λ _{Ex max} ≈ 560 nm λ _{Em max} ≈ 583 nm	λ _{Ex max} = 560 nm λ _{Em max} = 579 nm

Approved By:



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