

18:1 Liss Rhod PE

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

810150P-5mg

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Molecular Weight 1301.715
Chemical Formula C₆₈H₁₀₉N₄O₁₄PS₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5340PHA094
Avanti Lot Number 810150P-5MG-A-094

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Pink to dark pink solid which contain no foreign matter	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 1282.72 ± 1 amu	[M-NH ₄] ⁺ = 1282.68 amu
Excitation/Emission	$\lambda_{Ex\ max} \approx 560\ nm$ $\lambda_{Em\ max} \approx 583\ nm$	$\lambda_{Ex\ max} = 560\ nm$ $\lambda_{Em\ max} = 580\ nm$

Approved By:



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