

18:1 NBD PS

1,2-dioleoyl-sn-glycero-3-phospho-L-serine-N-(7-nitro-2-1,3-benzoxadiazol-4-yl) (ammonium salt)

810198C-1mg

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Molecular Weight	985.195
Chemical Formula	C ₄₈ H ₈₅ N ₆ O ₁₃ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5377CGA035
Avanti Lot Number	810198C-1MG-A-035

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Yellow to orange solution with no foreign matter	Pass
TLC	>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-NH ₄ +2H] ⁺ = 969.171 ± 1 amu	[M-NH ₄ +2H] ⁺ = 968.6 amu
Excitation/Emission by UV/Vis	Run and Report	λ _{Ex max} = 468 nm λ _{Em max} = 539 nm
NBD Concentration	Run and Report	Avg. conc. = 11.9 mg/ml

Approved By: *Andriana Thomas*

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