

16:0-06:0 NBD PC

1-palmitoyl-2-{6-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]hexanoyl}-sn-glycero-3-phosphocholine

810130P-5MG

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Molecular Weight	771.878
Chemical Formula	C ₃₆ H ₆₂ N ₅ O ₁₁ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5324PHB063
Avanti Lot Number	810130P-5MG-B-063

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Yellow to orange solution with no foreign matter	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 772.878 ± 1 amu	[M+H] ⁺ = 772.8 amu
Excitation/Emission by UV/Vis	λ _{Ex} max = 466nm λ _{Em} max = 535nm	λ _{Ex} max = 466nm λ _{Em} max = 535nm
NBD Concentration	Run and Report	37.1 mg/ml

Approved By:



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