

16:0-12:0 NBD PC

1-palmitoyl-2-{12-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]dodecanoyl}-sn-glycero-3-phosphocholine

810131P-5mg

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Molecular Weight	856.038
Chemical Formula	C ₄₂ H ₇₄ N ₅ O ₁₁ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5325PHE034
Avanti Lot Number	810131P-5MG-E-034

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Yellow to orange solid which contains no foreign matter	Pass
TLC	>99% Purity UV: one major spot Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative to slight positive Water dip: one major spot	All Pass
Mass Spectroscopy	[M+H] ⁺ = 857.038 ± 1 amu	[M+H] ⁺ = 856.5 amu
Excitation/Emission by UV/VIS	λ _{Ex max} = 464nm λ _{Em max} = 531nm	Pass

Approved By: *Andriana Thomas*

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