

14:0 NPS PC

1-myristoyl-2-(4-nitrophenylsuccinyl)-sn-glycero-3-phosphocholine

810857P-25mg

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Molecular Weight	688.743
Chemical Formula	C ₃₂ H ₅₃ N ₂ O ₁₂ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5470PJA040
Avanti Lot Number	810857P-25MG-A-040

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 14:0 (AUC)	99.6% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 689.743 ± 1 amu	[M+H] ⁺ = 689.3 amu

 Approved By: *Andriana Thomas*

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