

14:0-d27-14:0 PC

1-myristoyl-d27-2-myristoyl-sn-glycero-3-phosphocholine

860390P-10mg

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Molecular weight	705.099
Chemical formula	C ₃₆ H ₄₅ NO ₈ PD ₂₇
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6505PIA021
Avanti Lot Number	860390P-10MG-A-021

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 14:0 (AUC)	99.7% 14:0 (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 701.099 - 707.099 ± 1 amu (Multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] ⁺ = 706.1 amu

Approved By:

