

14:0 PC-d4

1,2-dimyristoyl-sn-glycero-3-phosphocholine-1,1,2,2-d4

860341P-10mg

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Molecular Weight	681.957
Molecular Formula	C ₃₆ H ₆₈ NO ₈ PD ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5883PIB023
Avanti Lot Number	860341P-10MG-B-023

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)	99.8% (AUC)
Proton NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 682.957 ± 1 amu	[M+H] ⁺ = 682.6 amu

Approved By: *Melissa Liles*

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