

16:0 PC-d4

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

860351P-10mg

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Molecular Weight	738.064
Chemical Formula	C ₄₀ H ₇₆ NO ₈ PD ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6500PJA050
Avanti Lot Number	860351P-10MG-A-050

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% 16:0 (AUC)	100% 16:0 (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with Structure
Mass Spectroscopy	[M+H] ⁺ = 739.064± 1 amu	[M+H] ⁺ = 739.1 amu

Approved By:

