

14:0 PC-d58

1,2-dimyristoyl-d54-sn-glycero-3-phosphocholine-1,1,2,2-d4

860346P-10mg

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Molecular weight	736.29
Chemical formula	C ₃₆ H ₁₄ NO ₈ PD ₅₈
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6498PIB015
Avanti Lot Number	860346P-10MG-B-015

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)	99.3% AUC
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 733.29-739.29 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] ⁺ = 735.2 amu

Approved By:

