

16:0 PC-d75

1,2-dipalmitoyl-d62-sn-glycero-3-phosphocholine-1,1,2,2-d4-N,N,N-trimethyl-d9

860358P-25mg

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Molecular Weight	809.501
Chemical Formula	C ₄₀ H ₅ NO ₈ PD ₇₅
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5891PJA028
Avanti Lot Number	860358P-25MG-A-028

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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 810.501 – 811.501 ± 1 amu (Multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] ⁺ = 809.1 amu

Approved by:

