

16:0 PC-d62

1,2-dipalmitoyl-d62-sn-glycero-3-phosphocholine

860355P-10mg

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Molecular Weight	796.421
Chemical Formula	C ₄₀ H ₁₈ NO ₈ PD ₆₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5890PIC067
Avanti Lot Number	860355P-10MG-C-067

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] ⁺ = 792.421 – 798.421 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] ⁺ = 795.4 amu

Approved By: *Andriana Thomas*

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