

16:0-d31-16:0 PC

1-palmitoyl-d31-2-palmitoyl-sn-glycero-3-phosphocholine

860393P-10mg

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Molecular Weight	765.23
Chemical Formula	C ₄₀ H ₄₉ NO ₈ PD ₃₁
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6506PIA013
Avanti Lot Number	860393P-10MG-A-013

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
Proton NMR	NMR spectrum consistent with reference structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 761.23 - 767.23 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] ⁺ = 764.3 amu

Approved By:



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