

16:0-d31-18:1 PC

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

860399C-10mg

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Molecular Weight	791.267
Chemical Formula	C ₄₂ H ₅₁ NO ₈ PD ₃₁
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5912CIB047
Avanti Lot Number	860399C-10MG-B-047

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 787.3 – 793.3 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] ⁺ = 791.1 amu

Approved By: *Andriana Thomas*

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