

16:0-d31-18:1 PC

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

860399**P-10mg**

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Molecular Weight 791.267
Chemical Formula C₄₂H₅₁NO₈PD₃₁
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5912PIA047N/A
Avanti Lot Number 860399P-10MG-A-047-01-047

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: <u>White solid</u> 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:



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