

18:1-16:0 PC

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

850475C-25mg

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Molecular Weight	760.076
Chemical Formula	C ₄₂ H ₈₂ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5690CJA083
Avanti Lot Number	850475C-25MG-A-083

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
FAME (GC/FID)	NLT 50% ± 5% 18:1 (AUC) NLT 50% ± 5% 16:0 (AUC) NLT 99% total (AUC)	47.0% 16:0 (AUC) 53.0% 18:1 (AUC) 100% total (AUC)
Mass Spectroscopy	[M+H] ⁺ = 761.1 ± 1 amu	[M+H] ⁺ = 760.6 amu

Approved By:



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