

16:0-20:4 PC

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

850459C-200mg

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Molecular Weight 782.1
Chemical Formula C₄₄H₈₀NO₈P
Physical State Chloroform
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 5681CNC165
Avanti Lot Number 850459C-200MG-C-165

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
UV Oxidation	NMT 5% total all wavelengths	0.25% total
FAME (GC/FID)	50% ± 5% 16:0 (AUC) 50% ± 5% 20:4 (AUC) NLT 99% total	45.1% 16:0 54.8% 20:4 99.9% total
Mass Spectroscopy	[M+H] ⁺ = 783.1 ± 1 amu	[M+H] ⁺ = 782.8 amu

Approved By: *Andriana Thomas*

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