

16:0-20:4 PC

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

850459C-25mg

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Molecular Weight	782.082
Chemical Formula	C ₄₄ H ₈₀ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5681CJA166
Avanti Lot Number	850459C-25MG-A-166

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	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% total 16:0 and 20:4 (AUC)	100% total 16:0 and 20:4 (AUC)
UV Oxidation	NMT 5% total all wavelengths	0% total all wavelengths
Mass Spectroscopy	[M+H] ⁺ = 783.08 ± 1 amu	[M+H] ⁺ = 782.57 amu

Approved By:



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