

16:0-22:6 PC

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

850461C-25mg

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Molecular Weight	806.103
Molecular Formula	C ₄₆ H ₈₀ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5682CJB056
Avanti Lot Number	850461C-25MG-B-056

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% 16:0 (AUC) NLT 50% ± 5% 22:6 (AUC) NLT 99% Total (AUC)	46.8% 16:0 (AUC) 53.2% 22:6 (AUC) 100% total (AUC)
UV Oxidation	NMT 5% total all wavelengths	0.30% total all wavelengths
Mass Spectroscopy	[M+H] ⁺ = 807.1 ± 1 amu	[M+H] ⁺ = 806.9 amu

Approved By:



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