

16:0-22:6 PE

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

850801C-25mg

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Molecular Weight	764.023
Chemical Formula	C ₄₃ H ₇₄ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5747CJD057
Avanti Lot Number	850801C-25MG-D-057

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: positive 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% combined 16:0 and 22:6 (AUC)	100% combined 16:0 and 22:6 (AUC)
UV Oxidation	NMT 5% total all wavelengths	0.99% total
Mass Spectroscopy	[M+H] ⁺ = 765.0 ± 1 amu	[M+H] ⁺ = 764.5 amu

Approved By:



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