

16:0 PE

1,2-dipalmitoyl-sn-glycero-3-phosphoethanolamine

850705P-25mg

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Molecular Weight	691.959
Chemical Formula	C ₃₇ H ₇₄ NO ₈ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5733PJC110
Avanti Lot Number	850705P-25MG-C-110

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 16:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 692.959 ± 1 amu	[M+H] ⁺ = 692.8 amu

 Approved by: *Anderson Thomas*

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