

4ME 16:0 PE

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

850402P-25mg

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Molecular Weight	804.2
Chemical Formula	C ₄₅ H ₉₀ NO ₈ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5671PJB041
Avanti Lot Number	850402P-25MG-B-041

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	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% (AUC)	99.6% (AUC)
Mass Spectroscopy	[M+H] ⁺ = 805.2 ± 1 amu	[M+H] ⁺ = 804.9 amu

 Approved by: *Anderson Thomas*

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