

**4ME 16:0 PE**

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

**850402P-25mg**

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<b>Molecular Weight</b>	804.2
<b>Chemical Formula</b>	C <sub>45</sub> H <sub>90</sub> NO <sub>8</sub> P
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5671PJA041
<b>Avanti Lot Number</b>	850402P-25MG-A-041

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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] <sup>+</sup> = 805.2 ± 1 amu	[M+H] <sup>+</sup> = 804.9 amu

 Approved by: *Anderson Thomas*

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