

**4ME 16:0 Diether PE**

1,2-di-O-phytanyl-sn-glycero-3-phosphoethanolamine

**999985P-25mg**

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<b>Molecular Weight</b>	776.205
<b>Chemical Formula</b>	C <sub>45</sub> H <sub>94</sub> NO <sub>6</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>	6395PJA015
<b>Avanti Lot Number</b>	999985P-25MG-A-015

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: positive Water dip: one major spot	All pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 777.205 ± 1 amu	[M+H] <sup>+</sup> = 777.1 amu

Approved By:

