

**17:0-14:1 PE-d5**
**1-heptadecanoyl-2-myristoleoyl-sn-glycero(d5)-3-phosphoethanolamine**
**856721L-1mg**
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<b>Molecular Weight</b>	680.96
<b>Chemical Formula</b>	C <sub>36</sub> H <sub>65</sub> D <sub>5</sub> NO <sub>3</sub> P
<b>Physical State</b>	1:1 Dichloromethane: Methanol
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6793LGA010
<b>Avanti Lot Number</b>	856721L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	1:1 DCM: MeOH: Clear, colorless solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% combined 17:0 and 14:1 (AUC)	99.7% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 681.96 ± 1 amu	[M+H] <sup>+</sup> = 682.0 amu

Approved By:



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