

**17:0-22:4 PE-d5**
**1-heptadecanoyl-2-docosatetraenoyl-sn-glycero(d5)-3-phosphoethanolamine**
**856717L-1mg**
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<b>Molecular Weight</b>	787.13
<b>Chemical Formula</b>	C <sub>44</sub> H <sub>75</sub> D <sub>5</sub> NO <sub>8</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>	6797LGA010
<b>Avanti Lot Number</b>	856717L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear, colorless solution 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
UV Oxidation	NMT 5% total all wavelengths	0.49% total
FAME (GC/FID)	NLT 99% (AUC)	99.7% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 788.13 ± 1 amu	[M+H] <sup>+</sup> = 788.1 amu

Approved By:



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