

**17:0-22:4 PC-d5**
**1-heptadecanoyl-2-docosatetraenoyl-sn-glycero(d5)-3-phosphocholine**
**855678L-1mg**
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<b>Molecular Weight</b>	829.21
<b>Chemical Formula</b>	C <sub>47</sub> H <sub>81</sub> D <sub>5</sub> NO <sub>8</sub> P
<b>Physical State</b>	1:1 Dichloromethane: Methnaol
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6792LGB010
<b>Avanti Lot Number</b>	855678L-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear, colorless solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water drip: one major spot	All Pass
FAME (GC/FID)	NLT 99% combined 17:0 and 22:4 (AUC)	99.6% (AUC)
UV Oxidation	NMT 5% total all wavelengths	0.46% total
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 830.21 ± 1 amu	[M+H] <sup>+</sup> = 830.0 amu

 Approved By: *Anderson Thomas*

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