

**17:0-22:4 PC-d5**

**1-heptadecanoyl-2-docosatetraenoyl-sn-glycero(d5)-3-phosphocholine**

**855678**

**Page 1 of 1**

**Molecular Weight** 829.21  
**Chemical Formula** C<sub>47</sub>H<sub>81</sub>D<sub>5</sub>NO<sub>8</sub>P  
**Physical State** 1:1 Dichloromethane: Methanol  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6792LGA011  
**Avanti Lot Number** 855678L-1MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear, colorless solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water drip: one major spot	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water drip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% combined 17:0 and 22:4 (AUC)	99.3% combined 17:0 and 22:4 (AUC)
UV Oxidation	NMT 5% total all wavelengths	1.18% total all wavelengths
Mass Spectroscopy	[M+H] <sup>+</sup> = 830.2 ± 1 amu	[M+H] <sup>+</sup> = 830.0 amu
Isotopic Purity by Mass Spec	Run and Report	97.6%

Approved By:



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