

**17:0-20:3 PS-d5**

**1-heptadecanoyl-2-eicosatrienoyl-sn-glycero(d5)-3-phospho-L-serine (sodium salt)**

**858150L-1mg**

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**Molecular Weight** 827.08  
**Chemical Formula** C<sub>43</sub>H<sub>72</sub>D<sub>5</sub>NNaO<sub>10</sub>P  
**Physical State** 1:1 Dichloromethane: Methanol  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 6806LGA010  
**Avanti Lot Number** 858150L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	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
UV Oxidation	NMT 5% total all wavelengths	0.43% total
FAME (GC/FID)	NLT 99% combined 17:0 and 20:3 (AUC)	99.4% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] <sup>+</sup> = 804.08 ± 1 amu	[M-Na] <sup>+</sup> = 804.0 amu

Approved By:



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