

**17:0-16:1 PS-d5**
**1-heptadecanoyl-2-palmitoleoyl-sn-glycero(d5)-3-phospho- L-serine (sodium salt)**
**858152L-1mg**
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<b>Molecular Weight</b>	775.00
<b>Chemical Formula</b>	C <sub>39</sub> H <sub>68</sub> D <sub>5</sub> NNaO <sub>10</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>	N/A
<b>Avanti Lot Number</b>	858152-01-010

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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% combined 17:0 and 16:1 (AUC)	99.8% (AUC)
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-Na] <sup>-</sup> = 752.00 ± 1 amu	[M-Na] <sup>-</sup> = 751.5 amu

Approved By:



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