

17:0-18:1 PS-d5
1-heptadecanoyl-2-oleoyl-sn-glycero(d5)-3-phospho- L-serine (sodium salt)
858151L-1mg
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Molecular Weight	803.06
Chemical Formula	C ₄₁ H ₇₂ D ₅ NNaO ₁₀ P
Physical State	1:1 Dichloromethane: Methanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6805LGA010
Avanti Lot Number	858151L-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
FAME (GC/FID)	NLT 99% combined 17:0 and 18:1 (AUC)	99.5% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] ⁻ = 780.06 ± 1 amu	[M-Na] ⁻ = 780.0 amu
Calcium (ICP/MS)	NMT 500 ppm	None Detected

Approved By:



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