

17:0-22:4 PS-d5

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

858149L-1mg

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Molecular Weight 853.12
Chemical Formula C₄₅H₇₄D₅NNaO₁₀P
Physical State 1:1 Dichloromethane: Methanol
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 6807LGA010
Avanti Lot Number 858149L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear, colorless solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: 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 22:4 (AUC)	99.8% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] ⁻ = 830.12 ± 1 amu	[M-Na] ⁻ = 829.9 amu

Approved By:



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