

17:0-22:4 PG-d5

1-heptadecanoyl-2-docosatetraenoyl-sn-glycero(d5)-3-phospho-(1'-rac-glycerol) (sodium salt)

858131L-1mg

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Molecular Weight 840.12
Chemical Formula C₄₅H₇₅D₅NaO₁₀P
Physical State 1:1 Dichloromethane: Methanol
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6802LGA010
Avanti Lot Number 858131L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear, colorless solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.60% total
FAME (GC/FID)	NLT 99% combined 17:0 and 22:4 (AUC)	99.6% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] ⁻ = 817.12 ± 1 amu	[M-Na] ⁻ = 817.0 amu

Approved By:



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