

17:0-22:4 PI-d5
1-heptadecanoyl-2-docosatetraenoyl-sn-glycero(d5)-3-phosphoinositol (ammonium salt)
850118L-500ug
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Molecular Weight	923.23
Chemical Formula	C ₄₈ H ₈₃ D ₅ NO ₁₃ P
Physical State	1:1 Dichloromethane: Methanol
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	6817LFB010
Avanti Lot Number	850118L-500UG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear, colorless solution with 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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 905.23 ± 1 amu	[M-NH ₄] ⁺ = 905.1 amu

 Approved By: *Anderson Thomas*

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