

C18 Lyso PAF

1-O-octadecyl-2-hydroxy-sn-glycero-3-phosphocholine

878120P-5mg

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Molecular Weight	509.7
Chemical Formula	C ₂₆ H ₅₆ NO ₆ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6276PHA014
Avanti Lot Number	878120P-5MG-A-014

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Phosphorus Assay	Concentration ±5% target 95-105% Recovery phosphorus	95% recovery
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 510.7 ± 1 amu	[M+H] ⁺ = 510.6 amu
Calcium (ICP/MS)	NMT 500ppm	None Detected

 Approved By: *Anderson Thomas*

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