

18:0 Lyso PC

1-stearoyl-2-hydroxy-sn-glycero-3-phosphocholine

855775P-1g

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Molecular Weight	523.683
Chemical Formula	C ₂₆ H ₅₄ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	1 year from date of receipt
M Lot Number	5781PQB090
Avanti Lot Number	855775P-1G-B-090

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Quantitative Proton NMR	Run and Report	97% recovery 100% LPC
FAME (GC/FID)	NLT 99% (AUC)	100% (AUC)
Calcium (ICP/MS)	NMT 500 ppm	79 ppm
Mass Spectroscopy	[M+H] ⁺ = 524.683 ± 1 amu	[M+H] ⁺ = 524.2 amu

Approved By:

Meredith Bayood

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