

18:1(d7) Lyso PC

1-oleoyl(d7)-2-hydroxy-sn-glycero-3-phosphocholine

791643C-1mg

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Molecular Weight	528.71
Chemical Formula	C ₂₆ H ₄₅ D ₇ NO ₇ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5272CGD012
Avanti Lot Number	791643C-1MG-D-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear 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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 529.71 ± 1 amu	[M+H] ⁺ = 529.38 amu
Calcium (ICP/MS)	NMT 500ppm	None Detected

 Approved By: *Anderson Thomas*

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