

16:0 Lyso PC-d49
1-palmitoyl-2-hydroxy-sn-glycero-3-phosphocholine (d49)
870308P-1mg

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Molecular Weight	544.93
Chemical Formula	C ₂₄ H ₄₉ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6626PGB015
Avanti Lot Number	870308P-1MG-B-015

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
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 540.93 - 546.93 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] ⁺ = 543.6 amu


 Approved By:

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