

15:0 Lyso PC-d5

1-pentadecanoyl-2-hydroxy-sn-glycero(d5)-3-phosphocholine

870309L-1mg

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Molecular Weight	486.63
Chemical Formula	C ₂₃ H ₄₃ D ₅ NO ₇ P
Physical State	1:1 Dichloromethane: Methanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6827LGA010
Avanti Lot Number	870309L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	DCM: MeOH: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 15:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent of structure
Phosphorus Assay	%recovery 95-105% phosphorus	96% recovery
Mass Spectroscopy	[M+H] ⁺ = 487.63 ± 1 amu	[M+H] ⁺ = 487.3 amu

Approved By:



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