

15:0 Lyso PI-d5

1-pentadecanoyl-2-hydroxy-sn-glycero(d5)-3-phosphoinositol (ammonium salt)

850107L-500ug

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Molecular Weight 580.66
Chemical Formula C₂₄H₄₅D₅NO₁₂P
Physical State 1:1 Dichloromethane: Methanol
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6818LFB010
Avanti Lot Number 850107L-500UG-B-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	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 562.66 ± 1 amu	[M-NH ₄] ⁺ = 562.2 amu

Approved By:



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