

Lyso SM (d18:1)

Sphingosylphosphorylcholine

860600P-5mg

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Molecular Weight 464.619
Chemical Formula C₂₃H₄₉N₂O₅P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6041PHB026
Avanti Lot Number 860600P-5MG-B-026

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: positive 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] ⁺ = 465.619 ± 1 amu	[M+H] ⁺ = 465.5 amu

Approved By:



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