

Lyso SM (d17:1)

Sphingosylphosphorylcholine (C17 base)

860656P-5mg

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Molecular Weight	450.593
Chemical Formula	C ₂₂ H ₄₇ N ₂ O ₅ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6078PHF011
Avanti Lot Number	860656P-5MG-F-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (3:3:1 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 451.593 ± 1 amu	[M+H] ⁺ = 451.6 amu

Approved By:



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