

3-N-methyl Lyso SM (d18:1)

3-N-methyl-sphingosylphosphorylcholine, HCl salt

860759P-5MG

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Molecular Weight	515.11
Chemical Formula	C ₂₄ H ₅₂ ClN ₂ O ₅ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7262PHA010
Avanti Lot Number	860759P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol:Water)	>99% Purity Ninhydrin: negative 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-HCl+H] ⁺ = 479.7 ± 1 amu	[M-HCl+H] ⁺ = 479.5 amu

Approved By:



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