

14:0 SM (d18:1/14:0)

N-myristoyl-D-erythro-sphingosylphosphorylcholine

860688P-5mg

Page 1 of 1

Molecular Weight	674.975
Chemical Formula	C ₃₇ H ₇₅ N ₂ O ₆ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6100PHA011
Avanti Lot Number	860688P-5MG-A-011

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	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 675.98 ± 1 amu	[M+H] ⁺ = 675.55 amu

Approved By:



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