

16:0 SM (d18:1/16:0)

N-palmitoyl-D-erythro-sphingosylphosphorylcholine

860584P-5mg

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Molecular Weight	703.028
Chemical Formula	C ₃₉ H ₇₉ N ₂ O ₆ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6028PHA023
Avanti Lot Number	860584P-5MG-A-023

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] ⁺ = 704.0 ± 1 amu	[M+H] ⁺ = 703.6 amu
Purity by LC-TOF MS	>99% Purity	99.6% purity

Approved By:



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