

C16 Ceramide-1-Phosphate (d18:1/16:0)
N-palmitoyl-ceramide-1-phosphate (ammonium salt)
860533P-1mg

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Molecular Weight 634.911
Chemical Formula C₃₄H₇₁N₂O₆P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5984PGI012
Avanti Lot Number 860533P-1MG-I-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:25:4 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
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 616.911 ± 1 amu	[M-NH ₄] ⁺ = 616.8 amu

 Approved By: *Anderson Thomas*

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