

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	C ₃₄ H ₇₁ N ₂ O ₆ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5984PGL012
Avanti Lot Number	860533P-1MG-L-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:

