

C18:1 Ceramide-1-Phosphate (d18:1/18:1(9Z))

N-oleoyl-ceramide-1-phosphate (ammonium salt)

860599P-1mg
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Molecular Weight	660.948
Chemical Formula	C ₃₆ H ₇₃ N ₂ O ₆ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6040PGC012
Avanti Lot Number	860599P-1MG-C-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>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 reference structure	Consistent with structure
Calcium (ICP/MS)	NMT 500ppm	None Detected
Mass Spectroscopy	[M-NH ₄] ⁺ = 642.948 ± 1 amu	[M-NH ₄] ⁺ = 642.8 amu

Approved By:



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