

C12 Ceramide-1-Phosphate (d18:1/12:0)

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

860531P-1MG
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Molecular Weight	578.805
Chemical Formula	C ₃₀ H ₆₃ N ₂ O ₆ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5982PGF012
Avanti Lot Number	860531P-1MG-F-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter.	Pass
TLC (9:1 Chloroform: Methanol)	>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
Mass Spectroscopy	[M-NH ₄] ⁻ = 560.805 ± 1 amu or [M-NH ₄ +2H] ⁺ = 562.805 ± 1 amu	[M-NH ₄ +2H] ⁺ = 562.7 amu

 Approved By: *Anderson Thomas*

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