

C12 Ceramide-1-Phosphate (d18:1/12:0)
N-lauroyl-ceramide-1-phosphate (ammonium salt)
860531P-1mg

Page 1 of 1

Molecular Weight 578.805
Chemical Formula C₃₀H₆₃N₂O₆P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5982PGG012
Avanti Lot Number 860531P-1MG-G-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: *Melissa Liles*

For Research Use Only. Not For Human Use.