

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 $C_{30}H_{63}N_2O_6P$
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5982PGB012
Avanti Lot Number 860531P-1MG-B-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 |
| Mass Spectroscopy | $[M-NH_4]^+ = 560.805 \pm 1$ amu or $[M-NH_4+2H]^+ = 562.805 \pm 1$ amu | $[M-NH_4+2H]^+ = 562.7$ amu |

Approved By:

