

C16 Dihydroceramide (d18:0/16:0)
N-palmitoyl-D-erythro-sphinganine
860634P-5mg
Page 1 of 1

| | |
|--------------------------|---|
| Molecular Weight | 539.917 |
| Chemical Formula | C ₃₄ H ₆₉ NO ₃ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6060PHK022 |
| Avanti Lot Number | 860634P-5MG-K-022 |

| 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: negative Charring: positive Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 540.917 ± 1 amu | [M+H] ⁺ = 541.1 amu |

Approved By:



For Research Use Only. Not For Human Use.