

C16 Ceramide (d18:1/16:0)
N-palmitoyl-D-erythro-sphingosine
860516P-10MG
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| | |
|--------------------------|---|
| Molecular Weight | 537.901 |
| Chemical Formula | C ₃₄ H ₆₇ NO ₃ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5968PIF022 |
| Avanti Lot Number | 860516P-10MG-F-022 |

| ANALYSIS | SPECIFICATION | RESULTS |
|------------------------------------|---|--------------------------------|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC (95:5 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] ⁺ = 538.901 ± 1 amu | [M+H] ⁺ = 539.0 amu |

Approved By:



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