

C14 Ceramide (d18:1/14:0)

N-myristoyl-D-erythro-sphingosine

860514P-5mg

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| | |
|--------------------------|---|
| Molecular Weight | 509.848 |
| Chemical Formula | C ₃₂ H ₆₃ NO ₃ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5967PHB011 |
| Avanti Lot Number | 860514P-5MG-B-011 |

| 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 reference structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 510.848 ± 1 amu or [M+NH ₄] ⁺ = 527.848 ± 1 amu | [M+H] ⁺ = 510.9 amu |



Approved By:

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