

C16 Ceramide-d7 (d18:1-d7/16:0)
N-palmitoyl-D-erythro-sphingosine (d7)
860676P-1mg

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|--------------------------|--|
| Molecular Weight | 544.944 |
| Chemical Formula | C ₃₄ H ₆₀ D ₇ NO ₃ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6093PGC011 |
| Avanti Lot Number | 860676P-1MG-C-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 structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 545.944 ± 1 amu | [M+H] ⁺ = 545.6 amu |

Approved by:

