

CER10(d9)

N-palmitoyl(d9) dihydrosphingosine

791661P-5mg

Page 1 of 1

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|--------------------------|--|
| Molecular Weight | 548.972 |
| Chemical Formula | C ₃₄ H ₆₀ D ₉ NO ₃ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5280PHD011 |
| Avanti Lot Number | 791661P-5MG-D-011 |

| ANALYSIS | SPECIFICATION | RESULTS |
|-----------------------------------|---|--------------------------------|
| Physical Examination | Chloroform: Clear solution with no foreign matter | Pass |
| TLC (9:1 Chloroform: Methanol) | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 549.972 ± 1 amu | [M+H] ⁺ = 549.9 amu |

Approved by: *Anderson Thomas*

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