

1-deoxy-L-threo-sphinganine-d3

1-deoxy-L-threo-sphinganine-d3 (2S,3S)

860475P-500ug

Page 1 of 1

| | |
|--------------------------|---|
| Molecular Weight | 288.527 |
| Chemical Formula | C ₁₈ H ₃₆ D ₃ NO |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5941PFC010 |
| Avanti Lot Number | 860475P-500UG-C-010 |

| ANALYSIS | SPECIFICATION | RESULTS |
|--|---|--------------------------------|
| Physical examination | Powder: White solid which contains no foreign matter. | Pass |
| TLC (80:20:2 Chloroform: Methanol: Ammonium Hydroxide) | >99% Purity Ninhydrin: positive 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] ⁺ = 289.527 ± 1 amu | [M+H] ⁺ = 289.6 amu |

Approved by:

