

C17 Ceramide (d18:1/17:0)

N-heptadecanoyl-D-erythro-sphingosine

860517P-5mg

Page 1 of 1

Molecular Weight 551.927
Chemical Formula C₃₅H₆₉NO₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5969PHG014
Avanti Lot Number 860517P-5MG-G-014

| 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] ⁺ = 552.927 ± 1 amu | [M+H] ⁺ = 552.2 amu |

Approved By: *Anderson Thomas*

For Research Use Only. Not For Human Use.