C18 Ceramide (d18:1/18:0)
N-stearoyl-D-erythro-sphingosine
860518P-10mg

Molecular Weight 565.954
Chemical Formula C_{36}H_{71}NO_{3}
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5970PIB014
Avanti Lot Number 860518P-10MG-B-014

<table>
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<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
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<tr>
<td>Physical Examination</td>
<td>Powder: White solid which contains no foreign matter</td>
<td>Pass</td>
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</tbody>
</table>
| TLC (95:5 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]^+ = 566.954 ± 1 amu                    | [M+H]^+ = 567.0 amu      |

Approved By: [Signature]

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