C20 Ceramide (d18:1/20:0)
N-arachidoyl-D-erythro-sphingosine
860520P-5mg

Molecular Weight 594.007
Chemical Formula C_{38}H_{75}NO_{3}
Physical State Powder
Storage -20 °C
Expiration Date One year from date of receipt
M Lot Number 5972PHA013
Avanti Lot Number 860520P-5MG-A-013

<table>
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<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
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<td>Physical examination</td>
<td>Powder: White solid which contains no foreign matter.</td>
<td>Pass</td>
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</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]^+ = 595.007 ± 1 amu                           | [M+H]^+ = 596.00 amu         |

Approved by: [Signature]