C12 Galactosyl(ß) Ceramide (d18:1/12:0)
D-galactosyl-ß-1,1' N-lauroyl-D-erythro-sphingosine

860544P-5mg

Molecular Weight 643.935
Chemical Formula C₃₆H₆₉NO₈
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5994PHB022
Avanti Lot Number 860544P-5MG-B-022

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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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| TLC (85:15 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]^+ = 644.935 ± 1 amu                           | [M+H]^+ = 644.9 amu    |

Approved by: 

[Signature]