Glucosyl(ß) Sphingosine (d18:1)  
D-glucosyl-ß1-1'-D-erythro-sphingosine  
860535P-5mg

Molecular Weight: 461.632  
Chemical Formula: C_{24}H_{47}NO_{7}  
Physical State: Powder  
Storage: -20°C  
Expiration Date: One year from date of receipt  
M Lot Number: 5985PHA023  
Avanti Lot Number: 860535P-5MG-A-023

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
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<tr>
<td>Physical Examination</td>
<td><strong>Powder:</strong> White solid which contains no foreign matter</td>
<td>Pass</td>
</tr>
</tbody>
</table>
| TLC  
(65:35:8 Chloroform: Methanol: Ammonium Hydroxide) | >99% Purity  
Ninhydrin: positive  
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]⁺ = 462.632 ± 1 amu                           | [M+H]⁺ = 462.5 amu |

Approved By: [Signature]

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