C17 Mono-Sulfo Galactosyl(β) Ceramide (d18:1/17:0)
3-O-sulfo-D-galactosyl-β1-1'-N-heptadecanoyl-D-erythrosphingosine (ammonium salt), (synthetic)
860572P-1mg

Molecular Weight 811.162
Chemical Formula C_{41}H_{82}N_{2}O_{11}S
Physical State Powder
Storage -20 °C
Expiration Date One year from date of receipt
M Lot Number 6016PGA010
Avanti Lot Number 860572P-1MG-A-010

<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 (65:25:4 Chloroform: Methanol: Water) | >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-NH₄]⁺ = 793.162 ± 1 amu                         | [M-NH₄]⁺ = 793.10 amu |

Approved by: