sphingosine-1-phosphate-d7
D-erythro-sphingosine-d7-1-phosphate
860659P-1mg

Molecular Weight 386.515
Chemical Formula C_{18}H_{31}D_{7}NO_{5}P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6081PGD011
Avanti Lot Number 860659P-1MG-D-011

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Examination</td>
<td>Powder: White solid which contains no foreign matter</td>
<td>Pass</td>
</tr>
</tbody>
</table>
| TLC (10:10:3 Chloroform: Methanol: Water) | >99% Purity
Ninhydrin: positive
Iodine: one major spot
Phosphorus: positive
Charring: positive
Water dip: one major spot | All Pass |
| Proton NMR                | NMR spectrum consistent with structure              | Consistent with structure |
| Mass Spectroscopy         | [M+H]^+ = 387.515 ± 1 amu                          | [M+H]^+ = 387.5 amu  |

Approved By: [Signature]

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