n-dodecyl-β-D-maltoside (DDM)
n-dodecyl-β-D-maltopyranoside

Molecular Weight 510.615
Chemical Formula C_{24}H_{46}O_{11}
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5700PQA022
Avanti Lot Number 850520P-1G-A-022

<table>
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<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
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<tr>
<td>Physical Examination</td>
<td>Powder: White solid which contains no foreign matter</td>
<td>Pass</td>
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</table>
| TLC (80:20:2 Chloroform: Methanol: Water) | >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+NH_4]^+ = 528.615 ± 1 amu                       | [M+NH_4]^+ = 528.6 amu  |

Approved By: [signature]

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