C6-NBD Ceramide
N-[6-[[7-nitro-2-1,3-benzoxadiazol-4-yl]amino]hexanoyl]-D-erythro-sphingosine
810209P-1mg

**Molecular Weight**  
575.740

**Chemical Formula**  
C$_{30}$H$_{49}$N$_5$O$_6$

**Physical State**  
Powder

**Storage**  
-20°C

**Expiration Date**  
One year from date of receipt

**M Lot Number**  
5382PGA017

**Avanti Lot Number**  
810209P-1MG-A-017

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<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
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<td>Physical Examination</td>
<td><strong>Powder:</strong> Yellow to orange solid which contains no foreign matter</td>
<td>Pass</td>
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| TLC                                  | >99% Purity  
UV: one major spot  
Ninhydrin: negative  
Iodine: one major spot  
Phosphorus: negative  
Charring: positive  
Water dip: one major spot | All Pass |
| Mass Spectroscopy                    | [M+NH$_4$]$^+$ = 593.74 ± 1 amu                                              | [M+NH$_4$]$^+$ = 593.4 amu |

Approved By: [Signature]

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