12-NBD Stearate
12-N-methyl-(7-nitrobenz-2-oxa-1,3-diazo)aminostearic acid

Molecular Weight: 476.609
Chemical Formula: C_{25}H_{40}N_{4}O_{5}
Physical State: Powder
Storage: -20°C
Expiration Date: One year from date of receipt
M Lot Number: 5313PGC010
Avanti Lot Number: 810110P-1MG-C-010

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical examination</td>
<td>Powder: yellow to orange powder which contains no foreign matter.</td>
<td>Pass</td>
</tr>
</tbody>
</table>
| TLC (85:15 Chloroform : Methanol) | >99% Purity  
UV: one major spot  
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 |

Approved by: [Signature]