### 16:0 NBD PE

1,2-dipalmitoyl-sn-glycero-3-phosphoethanolamine-N-(7-nitro-2-1,3-benzoxadiazol-4-yl) (ammonium salt)

| 810144P-1mg |

---

**Molecular Weight** 872.090  
**Chemical Formula** C_{43}H_{78}N_{5}O_{11}P  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5337PGB039  
**Avanti Lot Number** 810144P-1MG-B-039

---

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Examination</td>
<td><strong>Powder:</strong> Yellow to orange solid which contains no foreign matter</td>
<td>Pass</td>
</tr>
</tbody>
</table>
| TLC | >99% Purity  
UV: one major spot  
Ninhydrin: negative  
Iodine: one major spot  
Phosphorus: positive  
Charring: negative to slight positive  
Water dip: one major spot | All Pass |
| Excitation/Emission by UV/VIS | 460nm/535nm | Pass |

Approved by: [Signature]

For Research Use Only. Not For Human Use.