

**14:0-12:0 NBD PE**

**1-myristoyl-2-{12-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]dodecanoyl}-sn-glycero-3-phosphoethanolamine**

**810152P-1mg**

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|                          |  |
|--------------------------|--|
| <b>Molecular Weight</b>  | 785.905  |
| <b>Chemical Formula</b>  | C <sub>37</sub> H <sub>64</sub> N <sub>5</sub> O <sub>11</sub> P |
| <b>Physical State</b>    | Powder   |
| <b>Storage</b>           | -20°C  |
| <b>Expiration Date</b>   | One year from date of receipt                                    |
| <b>M Lot Number</b>      | 5342PGA013   |
| <b>Avanti Lot Number</b> | 810152P-1MG-A-013  |

| ANALYSIS                      | SPECIFICATION   | RESULTS  |
|-------------------------------|---|----------|
| Physical examination          | <b>Powder:</b> Yellow to orange solid which contains no foreign matter.   | Pass     |
| TLC                           | >99% Purity<br>UV: one major spot<br>Ninhydrin: positive<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: negative<br>Water dip: one major spot | All Pass |
| Excitation/Emission by UV/VIS | $\lambda_{Ex}$ max = ~460nm<br>$\lambda_{Em}$ max = ~533nm  | Pass     |

Approved by:

