

**18:1-06:0 NBD PA**

**1-oleoyl-2-{6-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]hexanoyl}-sn-glycero-3-phosphate (ammonium salt)**

**810175P-10mg**

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|                          |  |
|--------------------------|--|
| <b>Molecular Weight</b>  | 729.798  |
| <b>Chemical Formula</b>  | C <sub>33</sub> H <sub>56</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>      | 5361PIA019   |
| <b>Avanti Lot Number</b> | 810175P-10MG-A-019   |

| 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: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spot | All Pass                                      |
| Mass Spectroscopy             | [M-NH <sub>4</sub> ] <sup>+</sup> = 711.798 ± 1 amu   | [M-NH <sub>4</sub> ] <sup>+</sup> = 711.9 amu |
| Excitation/Emission by UV/VIS | λ <sub>Ex max</sub> = ~464nm<br>λ <sub>Em max</sub> = ~531nm  | Pass  |

Approved By:

