

**14:0-12:0 NBD PA**

**1-myristoyl-2-[12-[(7-nitro-2-1,3-benzoxadiazol-4-yl)amino]dodecanoyl]-sn-glycero-3-phosphate (ammonium salt)**

**810172C-1mg**

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|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| <b>Molecular Weight</b>  | 759.867                                                          |
| <b>Chemical Formula</b>  | C <sub>35</sub> H <sub>62</sub> N <sub>5</sub> O <sub>11</sub> P |
| <b>Physical State</b>    | Chloroform                                                       |
| <b>Storage</b>           | -20 °C                                                           |
| <b>Expiration Date</b>   | One year from date of receipt                                    |
| <b>M Lot Number</b>      | 5358CGA015                                                       |
| <b>Avanti Lot Number</b> | 810172C-1MG-A-015                                                |

| ANALYSIS                      | SPECIFICATION                                                                                                                                                                    | RESULTS                                       |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Physical Examination          | <b>Chloroform:</b> Yellow to orange solution with 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: negative to slight positive<br>Water dip: one major spot | All Pass                                      |
| Excitation/Emission by UV/VIS | 464nm/531nm                                                                                                                                                                      | Pass                                          |
| Mass Spectroscopy             | [M-NH <sub>4</sub> ] <sup>+</sup> = 741.867 ± 1 amu                                                                                                                              | [M-NH <sub>4</sub> ] <sup>+</sup> = 741.9 amu |

Approved by:

