

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

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

**810132C-1mg**

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|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| <b>Molecular Weight</b>  | 797.915                                                          |
| <b>Chemical Formula</b>  | C <sub>38</sub> H <sub>64</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>      | 5326CGC031                                                       |
| <b>Avanti Lot Number</b> | 810132C-1MG-C-031                                                |

| 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: positive<br>Water dip: one major spot | All Pass                       |
| Mass Spectroscopy             | [M+H] <sup>+</sup> = 798.915 ± 1 amu                                                                                                                          | [M+H] <sup>+</sup> = 799.1 amu |
| Excitation/Emission by UV/VIS | λ <sub>Ex max</sub> = 464nm<br>λ <sub>Em max</sub> = 531nm                                                                                                    | Pass                           |

Approved By:

