

**18:1 BMP (R,R'; 2,2'-isomer)**

sn-(1- hydroxy -2- oleoyl)-glycerol-3-phospho-sn-3'-(1'- hydroxy -2'- oleoyl)-glycerol (ammonium salt)

**793068C-5mg**

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|                          |                                                    |
|--------------------------|----------------------------------------------------|
| <b>Molecular Weight</b>  | 792.09                                             |
| <b>Chemical Formula</b>  | C <sub>42</sub> H <sub>82</sub> NO <sub>10</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>      | 7283CHA010                                         |
| <b>Avanti Lot Number</b> | 793068C-5MG-A-010                                  |

| ANALYSIS                                                  | SPECIFICATION                                                                                                                           | RESULTS                                                                                                                                 |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Physical Examination                                      | Chloroform: Clear solution with no foreign matter                                                                                       | Pass                                                                                                                                    |
| TLC<br>(80:20:2 Chloroform: Methanol: Ammonium Hydroxide) | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spot | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spot |
| Proton NMR                                                | NMR spectrum consistent with structure                                                                                                  | Consistent with structure                                                                                                               |
| Mass Spectroscopy                                         | [M-NH <sub>4</sub> ] <sup>+</sup> = 774.1 ± 1 amu                                                                                       | [M-NH <sub>4</sub> ] <sup>+</sup> = 773.5 amu                                                                                           |

Approved By:



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