

**C18(plasm)-18:1(d9) PE**

1-(Z-octadecenyl)-2-oleoyl(d9)-sn-glycero-3-phosphoethanolamine

**852474C-1mg**

Page 1 of 1

|                          |  |
|--------------------------|--|
| <b>Molecular Weight</b>  | 739.11   |
| <b>Chemical Formula</b>  | C <sub>41</sub> H <sub>71</sub> D <sub>9</sub> NO <sub>7</sub> P |
| <b>Physical State</b>    | Chloroform   |
| <b>Storage</b>           | -20°C  |
| <b>Expiration Date</b>   | Three months from date of receipt                                |
| <b>M Lot Number</b>      | 6573CGE010   |
| <b>Avanti Lot Number</b> | 852474C-1MG-E-010  |

| ANALYSIS             | SPECIFICATION   | RESULTS                        |
|----------------------|---|--------------------------------|
| Physical Examination | <b>Chloroform:</b> Clear solution with no foreign matter  | Pass                           |
| TLC                  | >99% Purity<br>Ninhydrin spray: positive<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spot | All Pass                       |
| Proton NMR           | NMR spectrum consistent with structure  | Consistent with structure      |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 740.11 ± 1 amu   | [M+H] <sup>+</sup> = 740.6 amu |

Approved By:



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