

**19:0 Lyso PC-d5**

1-nonadecanoyl-2-hydroxy-sn-glycero(d5)-3-phosphocholine

**855778L-1mg**

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|                          |  |
|--------------------------|--|
| <b>Molecular Weight</b>  | 542.75   |
| <b>Chemical Formula</b>  | C <sub>27</sub> H <sub>51</sub> D <sub>5</sub> NO <sub>7</sub> P |
| <b>Physical State</b>    | 1:1 Dichloromethane: Methanol                                    |
| <b>Storage</b>           | -20°C  |
| <b>Expiration Date</b>   | One year from date of receipt                                    |
| <b>M Lot Number</b>      | 6829LGA010   |
| <b>Avanti Lot Number</b> | 855778L-1MG-A-010  |

| ANALYSIS             | SPECIFICATION   | RESULTS                        |
|----------------------|---|--------------------------------|
| Physical Examination | DCM: MeOH: Clear solution with no foreign matter  | Pass                           |
| TLC                  | >99% Purity<br>Ninhydrin spray: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: negative<br>Water dip: one major spot | All Pass                       |
| Proton NMR           | NMR spectrum consistent with structure  | Consistent with structure      |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 543.75 ± 1 amu   | [M+H] <sup>+</sup> = 543.9 amu |

Approved By:



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