

## 26:0-d4 Lyso PC

1-hexacosanoyl-d4-2-hydroxy-sn-glycero-3-phosphocholine

860389P-5mg

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|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| <b>Molecular Weight</b>  | 639.921                                                          |
| <b>Chemical Formula</b>  | C <sub>34</sub> H <sub>66</sub> D <sub>4</sub> NO <sub>7</sub> P |
| <b>Physical State</b>    | Powder                                                           |
| <b>Storage</b>           | -20 °C                                                           |
| <b>Expiration Date</b>   | One year from date of receipt                                    |
| <b>M Lot Number</b>      | 5906PHA011                                                       |
| <b>Avanti Lot Number</b> | 860389P-5MG-A-011                                                |

| ANALYSIS             | SPECIFICATION                                                                                                                           | RESULTS                        |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Physical examination | <b>Powder:</b> White solid which contains no foreign matter.                                                                            | Pass                           |
| TLC                  | >99% Purity<br>Ninhydrin: 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> = 640.921 ± 1 amu                                                                                                    | [M+H] <sup>+</sup> = 641.0 amu |

Approved by:

