

**18:1 (Δ9-Cis) PC (DOPC)**

1,2-Dioleoyl-sn-glycero-3-phosphocholine

**850375C-1g**

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|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 786.113   |
| <b>Chemical Formula</b>  | C <sub>44</sub> H <sub>84</sub> NO <sub>8</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>      | 5662CQC334  |
| <b>Avanti Lot Number</b> | 850375C-1G-C-334                                  |

| ANALYSIS             | SPECIFICATION   | RESULTS                        |
|----------------------|---|--------------------------------|
| Physical Examination | <b>Chloroform:</b> Clear solution with no foreign matter  | Pass                           |
| TLC                  | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spot | All Pass                       |
| FAME (GC/FID)        | NLT 99% 18:1 (AUC)  | 99% (AUC)                      |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 787.113 ± 1 amu  | [M+H] <sup>+</sup> = 787.0 amu |

Approved By:



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