

**18:1 propargyl PC**

**1,2-dioleoyl-sn-glycero-3-phosphocholine (N-propynyl)**

**860378P-1mg**

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|                          |                                                   |
|--------------------------|---------------------------------------------------|
| <b>Molecular Weight</b>  | 810.13                                            |
| <b>Chemical Formula</b>  | C <sub>46</sub> H <sub>84</sub> NO <sub>8</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>      | 6661PGA010                                        |
| <b>Avanti Lot Number</b> | 860378P-1MG-A-010                                 |

| ANALYSIS             | SPECIFICATION                                                                                                                                 | RESULTS                        |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Physical Examination | <b>Powder:</b> White powder which contains no foreign matter                                                                                  | Pass                           |
| TLC                  | >99% Purity<br>Ninhydrin spray: negative<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      |
| FAME (GC/FID)        | NLT 99% (AUC)                                                                                                                                 | 100% (AUC)                     |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 811.13 ± 1 amu                                                                                                           | [M+H] <sup>+</sup> = 810.7 amu |

Approved By:



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