

**18:0 azidoethyl PC****1,2-distearoyl-sn-glycero-3-phosphocholine (N-azidoethyl)****870130P-1mg****Page 1 of 1**

**Molecular Weight** 845.20  
**Chemical Formula** C<sub>45</sub>H<sub>89</sub>N<sub>4</sub>O<sub>8</sub>P  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6680PGB010  
**Avanti Lot Number** 870130P-1MG-B-010

| ANALYSIS             | SPECIFICATION                                                                                                                                 | RESULTS                        |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Physical Examination | <b>Powder:</b> White solid which contains 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> = 846.20 ± 1 amu                                                                                                           | [M+H] <sup>+</sup> = 846.1 amu |

Approved By:



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