

**18:1 ( $\Delta^9$ -Cis) PC (DOPC)**

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

**850375P-1G**

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**Molecular Weight** 786.113  
**Chemical Formula** C<sub>44</sub>H<sub>84</sub>NO<sub>8</sub>P  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5662PQA339  
**Avanti Lot Number** 850375P-1G-A-339

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99.8% (AUC)
Mass Spectroscopy	[M+H] <sup>+</sup> = 787.113 ± 1 amu	[M+H] <sup>+</sup> = 786.7 amu

Approved By: *Meredith Bayood*

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