

**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>	5662CQD340
<b>Avanti Lot Number</b>	850375C-1G-D-340

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution with 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)	99.6% (AUC)
Mass Spectroscopy	[M+H] <sup>+</sup> = 787.113 ± 1 amu	[M+H] <sup>+</sup> = 786.8 amu

 Approved By: *Anderson Thomas*

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