

**18:1(n7)-16:0 PC (IsoPure)**

1-(11Z-octadecenoyl)-2-palmitoyl-sn-glycero-3-phosphocholine

**792457C-10mg**

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<b>Molecular Weight</b>	760.09
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>82</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>	6742CIA011
<b>Avanti Lot Number</b>	792457C-10MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear, colorless solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% combined 18:1 and 16:0 (AUC)	99.6% (AUC)
Carbon NMR	Consistent with structure NMT 5% acyl migration	Consistent with structure <5% acyl migration
Mass Spectroscopy	[M+H] <sup>+</sup> = 761.09 ± 1 amu	[M+H] <sup>+</sup> = 761.1 amu

Approved By:



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