


**18:1(n10)-16:0 PC**
**1-palmitoyl-2-(8Z-octadecenoyl)-glycero-3-phosphocholine**
**860321C-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>	6732CIA010
<b>Avanti Lot Number</b>	860321C-10MG-A-010

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
Mass Spectroscopy	[M+H] <sup>+</sup> = 761.09 ± 1 amu	[M+H] <sup>+</sup> = 761.2 amu
FAME (GC/FID)	NLT 99% combined 16:0 and 18:1 (AUC)	99.6% (AUC)
Carbon NMR	NMR spectrum consistent with structure NMT 5% acyl migration	Consistent with structure Pass

 Approved By: 

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