

**C16-20:4 PC**
**1-O-hexadecyl-2-arachidonoyl-sn-glycero-3-phosphocholine**
**878113C-5mg**
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<b>Molecular Weight</b>	768.098
<b>Chemical Formula</b>	C <sub>44</sub> H <sub>82</sub> NO <sub>7</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	6270CHO016
<b>Avanti Lot Number</b>	878113C-5MG-O-016

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
UV Oxidation	NMT 5% total all wavelengths	0.06% total
FAME (GC/FID)	NLT 99% 20:4 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 769.098 ± 1 amu	[M+H] <sup>+</sup> = 769.1 amu

 Approved By: *Meredith Bayfoot*

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