

**C16-20:4 PC****1-O-hexadecyl-2-arachidonoyl-sn-glycero-3-phosphocholine****878113C-5mg****Page 1 of 1**

**Molecular Weight** 768.098  
**Chemical Formula** C<sub>44</sub>H<sub>82</sub>NO<sub>7</sub>P  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 6270CHJ016  
**Avanti Lot Number** 878113C-5MG-J-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:

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