

C16-20:4 PC
1-O-hexadecyl-2-arachidonoyl-sn-glycero-3-phosphocholine
878113C-5mg
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Molecular Weight	768.098
Chemical Formula	C ₄₄ H ₈₂ NO ₇ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	6270CHS016
Avanti Lot Number	878113C-5MG-S-016

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: 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] ⁺ = 769.098 ± 1 amu	[M+H] ⁺ = 769.1 amu

 Approved By: *Andriana Thomas*

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