

C16-20:3 PC

1-O-hexadecyl-2-(8Z,11Z,14Z-eicosatrienoyl)-sn-glycero-3-phosphocholine

878122P-5mg

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Molecular weight	770.1
Chemical formula	C ₄₄ H ₈₄ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	6277PHA014
Avanti Lot Number	878122P-5MG-A-014

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains 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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 771.1 ± 1 amu	[M+H] ⁺ = 770.6 amu
FAME (GC/FID)	NLT 99% (AUC) Consistent with historical data	Pass

 Approved By: *Anderson Thomas*

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