

C16-20:5 PC

1-O-hexadecyl-2-(5Z,8Z,11Z,14Z,17Z-eicosapentaenoyl)-sn-glycero-3-phosphocholine

878123C-5mg

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Molecular Weight	766.082
Chemical Formula	C ₄₄ H ₈₀ NO ₇ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6278CHB015
Avanti Lot Number	878123C-5MG-B-015

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter Chloroform: Clear solution 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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 767.1 ± 1 amu	[M+H] ⁺ = 766.74 amu
UV Oxidation	NMT 5% total all wavelengths	0.27% total

 Approved By: *Meredith Bayood*

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