

C18(Plasm)-20:4 PE
1-(1Z-octadecenyl)-2-arachidonoyl-sn-glycero-3-phosphoethanolamine
852804C-5mg

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Molecular Weight	752.056
Chemical Formula	C ₄₃ H ₇₈ NO ₇ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5765CHB025
Avanti Lot Number	852804C-5MG-B-025

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.97% total
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+Na] ⁺ = 775.056 ± 1 amu [M+H] ⁺ = 753.056 ± 1 amu	[M+Na] ⁺ = 774.7 amu [M+H] ⁺ = 752.6 amu

Approved By:



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