

20:4 PE

1,2-diarachidonoyl-sn-glycero-3-phosphoethanolamine

850800C-25mg

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Molecular Weight	788.045
Chemical Formula	C ₄₅ H ₇₄ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5746CJA051
Avanti Lot Number	850800C-25MG-A-051

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 20:4 (AUC)	99.8% 20:4 (AUC)
UV Oxidation	NMT 5% total all wavelengths	1.16% total all wavelengths
Mass Spectroscopy	[M+H] ⁺ = 789.05 ± 1 amu	[M+H] ⁺ = 788.52 amu

Approved By:



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