

14:1 (Δ9-Cis) PC

1,2-dimyristoleoyl-sn-glycero-3-phosphocholine

850346C-25mg

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Molecular Weight	673.901
Chemical Formula	C ₃₆ H ₆₈ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5645CJA046
Avanti Lot Number	850346C-25MG-A-046

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
Proton NMR	NMR structure consistent with structure	Consistent with structure
Phosphorus NMR	NMR structure consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 14:1 (AUC)	99.0% 14:1 (AUC)
Mass Spectroscopy	[M+H] ⁺ = 674.9 ± 1 amu	[M+H] ⁺ = 674.5 amu

Approved by:

