

23:2 Diyne PC [DC(8,9)PC]

1,2-bis(10,12-tricosadiynoyl)-sn-glycero-3-phosphocholine

870016P-1g

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Molecular Weight	914.284
Chemical Formula	C ₅₄ H ₉₂ NO ₈ P
Physical State	Powder
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	6158PQC047
Avanti Lot Number	870016P-1G-C-047

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
FAME (GC/FID)	NLT 99% (AUC)	100% (AUC)
Mass Spectroscopy	[M+H] ⁺ = 915.284 ± 1 amu	[M+H] ⁺ = 914.7 amu
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

 Approved By: *Anderson Thomas*

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