

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

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

**870016P-500mg**

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<b>Molecular Weight</b>	914.284
<b>Chemical Formula</b>	C <sub>54</sub> H <sub>92</sub> NO <sub>8</sub> P
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	6158PPE047
<b>Avanti Lot Number</b>	870016P-500MG-E-047

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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] <sup>+</sup> = 915.284 ± 1 amu	[M+H] <sup>+</sup> = 914.7 amu
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

 Approved By: *Anderson Thomas*

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