

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

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

790145P-200mg

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<b>Molecular Weight</b>	872.204
<b>Chemical Formula</b>	C <sub>51</sub> H <sub>86</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>	5238PNA029
<b>Avanti Lot Number</b>	790145P-200MG-A-029

ANALYSIS	SPECIFICATION	SOP
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 23:2 (AUC)	100%
Proton NMR	NMR spectrum consistent with structure	Pass
Mass Spectroscopy	[M+H] <sup>+</sup> = 873.2 ± 1 amu	[M+H] <sup>+</sup> = 873.2 amu

Approved by:

