

**22:6 Lyso PC**

(R)-3-(((4Z,7Z,10Z,13Z,16Z,19Z)-docosa-4,7,10,13,16,19-hexaenoyl)oxy)-2-hydroxypropyl (2-(trimethylammonio)ethyl) phosphate

**855684C-10mg**

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<b>Molecular Weight</b>	567.7
<b>Chemical Formula</b>	C <sub>30</sub> H <sub>50</sub> NO <sub>7</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	7132CIA011
<b>Avanti Lot Number</b>	855684C-10MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear, colorless solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% (AUC) 22:6	100% (AUC) 22:6
UV Oxidation	NMT 5% total all wavelengths	0% all wavelengths
Calcium (ICP/MS)	NMT 500 ppm	377 ppm
Mass Spectroscopy	[M+H] <sup>+</sup> = 568.70 ± 1 amu	[M+H] <sup>+</sup> = 568.6 amu

Approved By:



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