

## C18(Plasm)-20:4 PE

1-(1Z-octadecenyl)-2-arachidonoyl-sn-glycero-3-phosphoethanolamine

852804C-5mg

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<b>Molecular Weight</b>	752.056
<b>Chemical Formula</b>	C <sub>43</sub> H <sub>78</sub> NO <sub>7</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5765CHA032
<b>Avanti Lot Number</b>	852804C-5MG-A-032

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin spray: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
UV Oxidation	NMT 5% total all wavelengths	0.69% total
Mass Spectroscopy	[M+H] <sup>+</sup> = 753.06 ± 1 amu	[M+H] <sup>+</sup> = 752.56 amu

Approved By:



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