

**20:4 PA**
**1,2-diarachidonoyl-sn-glycero-3-phosphate (sodium salt)**
**840886C-25mg**
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<b>Molecular Weight</b>	766.959
<b>Chemical Formula</b>	C <sub>43</sub> H <sub>68</sub> O <sub>8</sub> PNa
<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>	5570CJA032
<b>Avanti Lot Number</b>	840886C-25MG-A-032

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative 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	0.76% total
FAME (GC/FID)	NLT 99% 20:4 (AUC)	99.6% (AUC)
Mass Spectroscopy	[M-Na] <sup>-</sup> = 743.959 ± 1 amu	[M-Na] <sup>-</sup> = 743.7 amu
Calcium (ICP/MS)	NMT 500 ppm	262.7

Approved By:



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