

**18:0-20:4 PA**
**1-stearoyl-2-arachidonoyl-sn-glycero-3-phosphate (sodium salt)**
**840863C-25mg**
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<b>Molecular Weight</b>	746.9
<b>Chemical Formula</b>	C <sub>41</sub> H <sub>72</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>	5566CJA045
<b>Avanti Lot Number</b>	840863C-25MG-A-045

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	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.0% total
FAME (GC/FID)	50 ± 5% 18:0 (AUC) 50 ± 5% 20:4 (AUC) NLT 99% (AUC)	48.0% 18:0 (AUC) 51.7% 20:4 (AUC) 99.7% total
Mass Spectroscopy	[M-Na] <sup>+</sup> = 723.9 ± 1 amu	[M-Na] <sup>+</sup> = 723.3 amu
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure



Approved By:

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