

**24:1 SM**
**N-nervonoyl-D-erythro-sphingosylphosphorylcholine**
**860593P-5mg**

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<b>Molecular Weight</b>	813.225
<b>Chemical Formula</b>	C <sub>47</sub> H <sub>93</sub> N <sub>2</sub> O <sub>6</sub> P
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6034PHC012
<b>Avanti Lot Number</b>	860593P-5MG-C-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (65:25:4 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: 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
Mass Spectroscopy	[M+H] <sup>+</sup> = 814.225 ± 1 amu	[M+H] <sup>+</sup> = 814.1 amu

Approved By:



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