

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

**Molecular Weight** 813.225  
**Chemical Formula** C<sub>47</sub>H<sub>93</sub>N<sub>2</sub>O<sub>6</sub>P  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6034PHD014  
**Avanti Lot Number** 860593P-5MG-D-014

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> = 814.0 amu

Approved By: *Andriana Thomas*

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