

**18:1 SM (d18:1/18:1(9Z))****N-oleoyl-D-erythro-sphingosylphosphorylcholine****860587P-5mg**

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**Molecular Weight** 729.065  
**Chemical Formula** C<sub>41</sub>H<sub>81</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** 6031PHE019  
**Avanti Lot Number** 860587P-5MG-E-019

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (65:35:8 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> = 730.065 ± 1 amu	[M+H] <sup>+</sup> = 729.7 amu

Approved By: *Andriana Thomas*

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