

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

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<b>Molecular Weight</b>	729.065
<b>Chemical Formula</b>	C <sub>41</sub> H <sub>81</sub> N <sub>2</sub> O <sub>6</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20 °C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6031CHA018
<b>Avanti Lot Number</b>	860587C-5MG-A-018

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Chloroform:</b> Clear solution with 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> = 730.0 amu

Approved By:

