

**18:0 SM (d18:1/18:0)**

**N-stearoyl-D-erythro-sphingosylphosphorylcholine**

**860586P-5mg**

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<b>Molecular Weight</b>	731.081
<b>Chemical Formula</b>	C <sub>41</sub> H <sub>83</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>	6030PHE019
<b>Avanti Lot Number</b>	860586P-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> = 732.081 ± 1 amu	[M+H] <sup>+</sup> = 732.0 amu

Approved By:



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