

**C18 Ceramide (d18:1/18:0)**

N-stearoyl-D-erythro-sphingosine

**860518P-10mg**

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<b>Molecular Weight</b>	565.954
<b>Chemical Formula</b>	C <sub>36</sub> H <sub>71</sub> NO <sub>3</sub>
<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>	5970PIA015
<b>Avanti Lot Number</b>	860518P-10MG-A-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (95:5 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 566.954 ± 1 amu	[M+H] <sup>+</sup> = 566.7 amu

 Approved by: *Anderson Thomas*

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