

**C18:1 Ceramide (d18:1/18:1(9Z))**

N-oleoyl-D-erythro-sphingosine

**860519P-5mg**

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<b>Molecular Weight</b>	563.938
<b>Chemical Formula</b>	C <sub>36</sub> H <sub>69</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>	5971PHG013
<b>Avanti Lot Number</b>	860519P-5MG-G-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative 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> = 564.938 ± 1 amu	[M+H] <sup>+</sup> = 564.6 amu

 Approved By: *Meredith Bayood*

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