

**C2 Ceramide (d18:1/2:0)**

N-acetyl-D-erythro-sphingosine

**860502P-5mg**

Page 1 of 1

<b>Molecular Weight</b>	341.529
<b>Chemical Formula</b>	C <sub>20</sub> H <sub>39</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>	5961PHM017
<b>Avanti Lot Number</b>	860502P-5MG-M-017

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> = 342.529 ± 1 amu	[M+H] <sup>+</sup> = 342.3 amu

 Approved By: *Anderson Thomas*

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