

**C15 Ceramide (d18:1/15:0)**

N-pentadecanoyl-D-erythro-sphingosine

**330730C-1mg**

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<b>Molecular Weight</b>	523.87
<b>Chemical Formula</b>	C <sub>33</sub> H <sub>65</sub> NO <sub>3</sub>
<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>	6889CGA010
<b>Avanti Lot Number</b>	330730C-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear, colorless solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pas
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 524.87 ± 1 amu	[M+H] <sup>+</sup> = 524.7 amu

 Approved By: *Andriana Thomas*

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