

**C12 Ceramide (d18:1/12:0)**

N-lauroyl-D-erythro-sphingosine

**860512P-5mg**

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<b>Molecular Weight</b>	481.794
<b>Chemical Formula</b>	C <sub>30</sub> H <sub>59</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>	5966PHB010
<b>Avanti Lot Number</b>	860512P-5MG-B-010

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> = 482.794 ± 1 amu	[M+H] <sup>+</sup> = 482.7 amu

Approved by:

