

**C10 Ceramide (d18:1/10:0)**

N-decanoyl-D-erythro-sphingosine

**860510P-5mg**

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<b>Molecular Weight</b>	453.741
<b>Chemical Formula</b>	C <sub>28</sub> H <sub>55</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>	5965PHD011
<b>Avanti Lot Number</b>	860510P-5MG-D-011

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	All Pass
Mass Spectroscopy	[M+H] <sup>+</sup> = 454.741 ± 1 amu	[M+H] <sup>+</sup> = 455.5 amu

Approved by:



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