

**C16 Dihydroceramide (d18:0/16:0)**

N-palmitoyl-D-erythro-sphinganine

860634P-10mg

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<b>Molecular Weight</b>	539.917
<b>Chemical Formula</b>	C <sub>34</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>	6060PIA022
<b>Avanti Lot Number</b>	860634P-10MG-A-022

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> = 540.917 ± 1 amu	[M+H] <sup>+</sup> = 541.1 amu

Approved by:

