

**C24 Ceramide (d17:1/24:0)**

N-lignoceroyl-D-erythro-sphingosine (C17 base)

**860649P-5mg**

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<b>Molecular Weight</b>	636.087
<b>Chemical Formula</b>	C <sub>41</sub> H <sub>81</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>	6073PHB020
<b>Avanti Lot Number</b>	860649P-5MG-B-020

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>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> = 637.087 ± 1 amu	[M+H] <sup>+</sup> = 637.10 amu

Approved By:



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