

**16:0(2R-OH) Ceramide**
**N-(2'-(R)-hydroxypalmitoyl)-D-erythro-sphingosine**
**860815P-5mg**
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<b>Molecular Weight</b>	553.9
<b>Chemical Formula</b>	C <sub>34</sub> H <sub>67</sub> NO <sub>4</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>	6108PHA010
<b>Avanti Lot Number</b>	860815P-5MG-A-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> = 554.900 ± 1 amu	[M+H] <sup>+</sup> = 554.80 amu

Approved by:

