

**C18 Ceramide (d18:1/18:0)**

N-stearoyl-D-erythro-sphingosine

860518P-5mg

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**Molecular Weight** 565.954  
**Chemical Formula** C<sub>36</sub>H<sub>71</sub>NO<sub>3</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5970PHF014  
**Avanti Lot Number** 860518P-5MG-F-014

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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 566.954 ± 1 amu	[M+H] <sup>+</sup> = 567.0 amu

Approved By: 

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