

**Sphingosine (d17:1)**

D-erythro-sphingosine (C17 base)

860640P-5mg

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**Molecular Weight** 285.465  
**Chemical Formula** C<sub>17</sub>H<sub>35</sub>NO<sub>2</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6066PHH018  
**Avanti Lot Number** 860640P-5MG-H-018

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (80:20:2 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: positive 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> = 286.465 ± 1 amu	[M+H] <sup>+</sup> = 286.3 amu



Approved By:

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