

## 6-Hydroxy Sphingosine

(2S,3R,6R,E)-2-aminoctadec-4-ene-1,3,6-triol

860717P-1mg

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<b>Molecular Weight</b>	315.5
<b>Chemical Formula</b>	C <sub>18</sub> H <sub>37</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>	7100PGC010
<b>Avanti Lot Number</b>	860717P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (65:35:8 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> = 316.5 ± 1 amu	[M+H] <sup>+</sup> = 316.4 amu

Approved By:



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