

**1-deoxy-L-threo-sphinganine-d3**

1-deoxy-L-threo-sphinganine-d3 (2S,3S)

**860475P-500ug**

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<b>Molecular Weight</b>	288.527
<b>Chemical Formula</b>	C <sub>18</sub> H <sub>36</sub> D <sub>3</sub> NO
<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>	5941PFB010
<b>Avanti Lot Number</b>	860475P-500UG-A-010

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: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 289.527 ± 1 amu	[M+H] <sup>+</sup> = 289.6 amu

Approved by:

