

**1-deoxysphinganine**

1-deoxysphinganine (m18:0)

**860493P-10mg**

Page 1 of 1

<b>Molecular Weight</b>	285.508
<b>Chemical Formula</b>	C <sub>18</sub> H <sub>39</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>	5953PIA013
<b>Avanti Lot Number</b>	860493P-10MG-A-013

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> = 286.508 ± 1 amu	[M+H] <sup>+</sup> = 286.5 amu

Approved by:

