

## Sphingosine (d18:1)

D-erythro-sphingosine

860490P-25mg

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<b>Molecular Weight</b>	299.492
<b>Chemical Formula</b>	C <sub>18</sub> H <sub>37</sub> NO <sub>2</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>	5950PJK020
<b>Avanti Lot Number</b>	860490P-25MG-K-020

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Mosher Ester Analysis for Enantiomer Purity	NLT 98% D-isomer	98% D-erythro-sphingosine
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 300.492 ± 1 amu	[M+H] <sup>+</sup> = 300.3 amu

Approved By:



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