

**Brain Sphingosine**

D-erythro-Sphingosine (Brain, Porcine)

860025P-5MG

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<b>Molecular Weight</b>	299.492 (based on representative structure; may not reflect exact MW of compound)
<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>	5862PHB025
<b>Avanti Lot Number</b>	860025P-5MG-B-025

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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 300.492 ± 1 amu (predominant species)	[M+H] <sup>+</sup> = 300.2 amu (predominant species)

Approved By:



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