

**Brain Sphingosine**

D-erythro-Sphingosine (Brain, Porcine)

860025P-5mg

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**Molecular Weight** 299.492 (based on representative structure; may not reflect exact MW of compound)  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5862PHD025  
**Avanti Lot Number** 860025P-5MG-D-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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