

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	5862PHC025
Avanti Lot Number	860025P-5MG-C-025

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: 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] ⁺ = 300.492 ± 1 amu (predominant species)	[M+H] ⁺ = 300.2 amu (predominant species)

Approved By:



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