

**D-ribo-Phytosphingosine**

 4-hydroxysphinganine (*Saccharomyces Cerevisiae*)

860499P-25mg

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<b>Molecular Weight</b>	317.507 (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>	5959PJF016
<b>Avanti Lot Number</b>	860499P-25MG-F-016

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> = 318.507 ± 1 amu	[M+H] <sup>+</sup> = 318.4 amu

 Approved by: *Anderson Thomas*

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