

**N-24:0(2R-OH) Phytosphingosine**

 N-(2'-(R)-hydroxylignoceroyl)-phytosphingosine (*Saccharomyces Cerevisiae*)

**860924P-5mg**

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<b>Molecular Weight</b>	684.128
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>85</sub> NO <sub>5</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>	6150PHA011
<b>Avanti Lot Number</b>	860924P-5MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 685.128 ± 1 amu	[M+H] <sup>+</sup> = 685.0 amu

Approved by:

