

**(2S,3S)-Phytantriol**

(2S,3S)-3,7,11,15-tetramethylhexadecane-1,2,3-triol

**850555O-25mg**

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<b>Molecular Weight</b>	330.546
<b>Chemical Formula</b>	C <sub>20</sub> H <sub>42</sub> O <sub>3</sub>
<b>Physical State</b>	Neat Oil
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5726OJA010
<b>Avanti Lot Number</b>	850555O-25MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Oil:</b> Clear, viscous liquid with no foreign matter.	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin: negative 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+NH <sub>4</sub> ] <sup>+</sup> = 348.546 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 348.6 amu

Approved By:

