

**24S, 25-epoxyzymosterol**

24S,25-epoxy-5a-cholest-8(9)-en-3β-ol

**700353P-1MG**

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<b>Molecular Weight</b>	400.65
<b>Chemical Formula</b>	C <sub>27</sub> H <sub>44</sub> O <sub>2</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>	7003PGA010
<b>Avanti Lot Number</b>	700353P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>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
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 418.65 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 418.62 amu

 Approved By: *Meredith Bayood*

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