

**diosgenin**

**(3 $\beta$ ,25R)-spirost-5-en-3-ol**

**700085P-100mg**

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<b>Molecular Weight</b>	414.621
<b>Chemical Formula</b>	C <sub>27</sub> H <sub>42</sub> O <sub>3</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>	5167PLD010
<b>Avanti Lot Number</b>	700085P-100MG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (6:4 Hexane: Ethyl Acetate)	>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 reference structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 415.621 $\pm$ 1 amu	[M+H] <sup>+</sup> = 415.6 amu

Approved By:



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