

diosgenin

(3 β ,25R)-spirost-5-en-3-ol

700085P-100mg

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Molecular Weight	414.621
Chemical Formula	C ₂₇ H ₄₂ O ₃
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5167PLG010
Avanti Lot Number	700085P-100MG-G-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: 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] ⁺ = 415.621 $\pm$ 1 amu	[M+H] ⁺ = 415.6 amu

Approved By: *Anderson Thomas*

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