

diosgenin**(3 β ,25R)-spirost-5-en-3-ol****700085P-100mg****Page 1 of 1**

Molecular Weight 414.621
Chemical Formula C₂₇H₄₂O₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5167PLB010
Avanti Lot Number 700085P-100MG-B-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 structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 415.621 \pm 1 amu	[M+H] ⁺ = 415.6 amu

Approved by:

