

Pregnenolone

3 β -hydroxypregn-5-en-20-one

700142P-50mg

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Molecular Weight	316.478
Chemical Formula	C ₂₁ H ₃₂ O ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5207PKL010
Avanti Lot Number	700142P-50MG-L-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
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 334.478 \pm 1 amu	[M+NH ₄] ⁺ = 334.3 amu

Approved By:



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