



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-209393
Lot Number: SAMPLE
Product Name: 20 α -Hydroxy Cholesterol
CAS Number: 516-72-3
Molecular Formula: C₂₇H₄₆O₂
Molecular Weight: 402.65
Native Source: Synthetic

Test	Specification	Result
Appearance		White solid
Identification (¹ H-NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (HPLC)		97.14%
TLC		Complies
Atmosphere		Air
Melting Point		122 - 124 °C
Solubility		Chloroform and Methanol
Specific Rotation		-54.35°

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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