



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-210659
Lot Number: SAMPLE
Product Name: 7 α -Hydroxy Cholesterol
CAS Number: 566-26-7
Molecular Formula: C₂₇H₄₆O₂
Molecular Weight: 402.65
Native Source: Synthetic

Test	Result
Appearance	White solid
Identification (1H-NMR)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with structure
Purity (TLC)	98%
Atmosphere	Inert gas
Melting Point	153.0 - 155.0 °C
Solubility	Chloroform, Methanol (sparingly)
Specific Rotation	-91.5° (c = 0.20, Chloroform)

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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