



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214091
Lot Number: SAMPLE
Product Name: 25-Hydroxycholesterol
CAS Number: 2140-46-7
Molecular Formula: $C_{27}H_{46}O_2$
Molecular Weight: 402.65

Test	Result
Appearance	Small off-white needles
Purity (TLC)	1 spot homogenous ($\geq 98\%$)
Melting Point	178.1-180.1°C
Solubility	Most organic solvents, insoluble in water
Infrared Spectrum	Complies
Optical Rotation	37.1° (1:1 Chloroform: Methanol)

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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