



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-500839
Lot Number: SAMPLE
Product Name: (3 β)-7-Dehydro Cholesterol-d7 (Major)
CAS Number: 388622-58-0
Molecular Formula: C₂₇H₃₇D₇O
Molecular Weight: 391.68
Native Source: Synthetic

Test	Specification	Result
Identification (1H-NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (TLC)		98%
Melting Point		> 115°C (dec.)
Specific Rotation		-117.5° (c = 0.5, Chloroform)
Carbon Content	82.79%	81.31%
Hydrogen Content	11.33%	11.47%

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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