



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-226866  
Lot Number: SAMPLE  
Product Name: (4bS)-trans-8,8-Trimethyl-4b,5,6,7,8,8a,9,10-octahydro-1-isopropylphenanthren-2-ol  
CAS Number: 511-15-9  
Molecular Formula:  $C_{20}H_{30}O$   
Molecular Weight: 286.45

Test	Specification	Result
Appearance		Off-white powder
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)		98%
Melting Point		128 - 129 °C
Optical Rotation		+40.3° (c = 1.05%, in ethanol)
Carbon Content		84.01%
Hydrogen Content		10.48%

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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