



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-490845  
Lot Number: SAMPLE  
Product Name: (+)-13 $\alpha$ -Hydroxylupanine  
CAS Number: 15358-48-2  
Molecular Formula: C<sub>15</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>  
Molecular Weight: 264.36  
Native Source: Synthetic

Test	Specification	Result
Appearance		Off-white to pale yellow solid
Identification ( <sup>1</sup> H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		98%
Atmosphere		Inert gas
Melting Point		> 56 °C
Spectral Ratio		+48.2° (c = 0.1, Methanol)
Carbon	68.15%	66.39%
Hydrogen	9.15%	9.45%
Methanol		1%
Nitrogen	10.60%	10.33%
Water Content		2.6% (base on elemental analysis)

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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