



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-281138  
Lot Number: SAMPLE  
Product Name: Pristimerin  
CAS Number: 1258-84-0  
Molecular Formula:  $C_{30}H_{40}O_4$   
Molecular Weight: 464.6  
Native Source: *Tripterygium wilfordii* Hook.F.

Test	Specification	Result
Appearance	Orange crystalline solid	Complies
Identification (HESIMS)	Consistent with standard reference	Complies
Identification (Infrared Spectrum)	Consistent with standard reference	Complies
Purity (HPLC)	97.0 - 99.9%	99.45%
Melting Point	202 - 204 °C	203 °C
Solubility	Soluble in DMSO or ethyl acetate; insoluble in water	Complies
Specific Rotation	+15 - +20°	+18.5°
Wavelength	424 ± 2 nm	425 nm
Heavy Metals	≤ 0.001%	Complies
Loss on Drying	≤ 1%	Complies

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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