

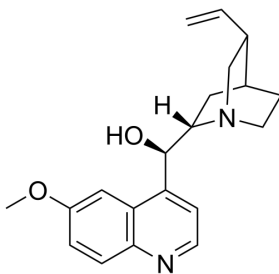
## Quinine

Cat. No.: HY-D0143  
CAS No.: 130-95-0  
Batch No.: 254464  
Chemical Name: Cinchonan-9-ol, 6'-methoxy-, (8 $\alpha$ ,9R)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>20</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>  
Molecular Weight: 324.42  
Storage: 4°C, protect from light, stored under nitrogen  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (HPLC): 98.05%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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