Certificate of Analysis



Quinine

Cat. No.: HY-D0143 CAS No.: 130-95-0 Batch No.: 254464

Chemical Name: Cinchonan-9-ol, 6'-methoxy-, (8α,9R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{24}N_2O_2$ 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

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 98.05%

The product has been tested and complies with the given specifications. Conclusion:

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

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