

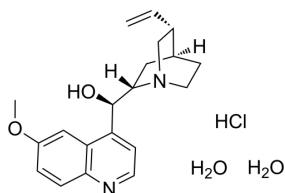
Quinine (hydrochloride dihydrate)

Cat. No.: HY-B0433A
 CAS No.: 6119-47-7
 Batch No.: 16817
 Chemical Name: Cinchonan-9-ol, 6'-methoxy-, hydrochloride, hydrate (1:1:2), (8 α ,9R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{29}ClN_2O_4$
 Molecular Weight: 396.91
 Storage: 4°C, sealed storage, away from moisture
 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
 1H NMR Spectrum: Consistent with structure
 MS: Consistent with structure
 Purity (NMR): $\geq 98.0\%$
 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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