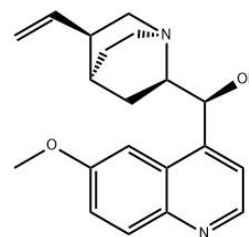


Technical Data Sheet

Quinidine

Compound Information

Product Name:	Quinidine
CAS No.:	56-54-2
Molecular Formula:	C ₂₀ H ₂₄ N ₂ O ₂
Molecular Weight:	324.42
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Native Source	Synthetic
Appearance	Beige solid
Isotopic Purity	99.7%
Purity (TLC)	98%
Atmosphere	Inert gas
Melting Point	168-172 °C(lit.)
Solubility	insoluble in H ₂ O; ≥10.32 mg/mL in EtOH with ultrasonic; ≥11.95 mg/mL in DMSO
Carbon Content	73.36%
Dichloromethane	2.4%
Hydrogen Content	8.31%
Nitrogen Content	8.56%
MS	Pass test
1H NMR	Pass test
13C NMR	Pass test
IR	Pass test
Raman	Pass test

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