



# QUININE SULFATE (CAS number - 130-95-0) SALES SPECIFICATION (USP, BP)

TAJMTF-TMCLBT8812

Taj Active Pharmaceutical Ingredients

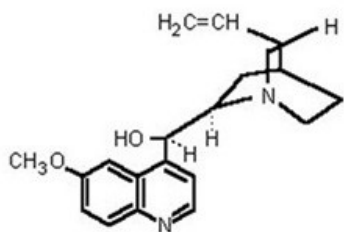
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Active Pharmaceutical Ingredients  
TAJ PHARMACEUTICALS LIMITED INDIA



Raw Material / Chemicals Index

## Taj Pharmaceuticals Ltd. QUININE SULFATE (Cas No 130-95-0)



### Product Details:

CAS No.  
95-0

130-



<b>Chemical Name:</b>	Quinine
<b>Specifications Characters:</b>	White-Crystalline
<b>Optical Rotation</b>	-163° ~ 170° (C=2% in EtOH)
<b>Assay:</b>	99.0 % to 101.0 %
<b>Chemical Formula:</b>	(C <sub>20</sub> H <sub>24</sub> N <sub>2</sub> O <sub>2</sub> ) <sub>2</sub> .H <sub>2</sub> SO <sub>4</sub> .2H <sub>2</sub> O
<b>pH:</b>	5.7 to 6.6
<b>Mass weight:</b>	783.0
<b>Melting Point</b>	173 - 175 C

<b>Solubility In Water</b>	Slightly soluble
<b>NFPA Ratings</b>	Health: 2; Flammability: 0; Reactivity: 0
<b>Stability</b>	Stable under ordinary conditions. Light sensitive.
<b>Type:</b>	Pharmaceutical Intermediates
<b>Synonyms:</b>	(8- $\alpha$ ,9r)-6'-methoxycinchonan-9-ol;(8S,9R)-6'-Methoxycinchonan-9-ol;(8S,9R)-Quinine;6'-methoxy-, (8.alpha.,9R)-Cinchonan-9-ol;6'-methoxy-,(8-alpha,9r)-cinchonan-9-o;6'-methoxy-,(8alpha,9r)-cinchonan-9-o;6'-methoxy-,(8alpha,9theta)-cinchonan-9-o;6'-Methoxycinchonidine;alpha-(6-methoxy-4-quinolyl)-5-vinyl-2-quinuclidinemethano;alpha-(6-Methoxy-4-quinoyl)-5-vinyl-2-quinuclidinemethanol;Chinin;chinine;Cinchonan-9-ol, 6'-methoxy-, (8a,9R)-;Cinchonan-9-ol, 6'-methoxy-, (8alpha,9R)-;(6-METHOXY-4-QUINOLYL)(5-VINYL-1-AZABICYCLO[2.2.2]OCT-2-YL)METHANOL;6-METHOXYCINCHONINE;A-(6-METHOXY-4-QUINOLYL)-5-VINYL-2-QUINUCLIDINE-METHANOL;(-)-QUININE;QUININE;TIMTEC-BB SBB006500
<b>Identifiers</b>	ATC code M09AA01 P01BC01 PubChem 8549 DrugBank APRD00563 ChemSpider 84989
<b>Chemical data</b>	Formula C20H24N2O2 Mol. mass 324.417 g/mol Physical data Melt. point 177 °C (351 °F)
<b>Pharmacokinetic data</b>	Bioavailability 76 to 88% Protein binding ~70% Metabolism Hepatic (mostly CYP3A4 and CYP2C19-mediated) Half life ~18 hours Excretion Renal (20%)
<b>Transportation Packing</b>	25kgs in fiber drum HAZARD CLASS UN NO. 3335
<b>Other Information</b>	Hazard Symbols: , Risk Phrases: , Safety Phrases: 22-36

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