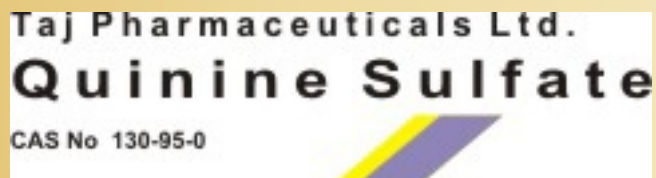


## Quinine Sulfate (Cas No 130-95-0)



Quinine Sulfate

CAS number 130-95-0

Systematic (IUPAC) name

(R)-(6-methoxyquinolin-4-yl)((2S,4S,8R)- 8-vinylquinuclidin-2-yl)methanol

Identifiers

CAS number 130-95-0

ATC code M09AA01 P01BC01

PubChem 8549

DrugBank APRD00563

ChemSpider 84989

Chemical data

Formula C<sub>20</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub> Mol. mass 324.417 g/mol

Physical data

Melt. point 177 °C (351 °F)

Pharmacokinetic data

Bioavailability 76 to 88%

Protein binding ~70%

Metabolism Hepatic (mostly CYP3A4 and CYP2C19-mediated)

Half life ~18 hours

Excretion Renal (20%)

