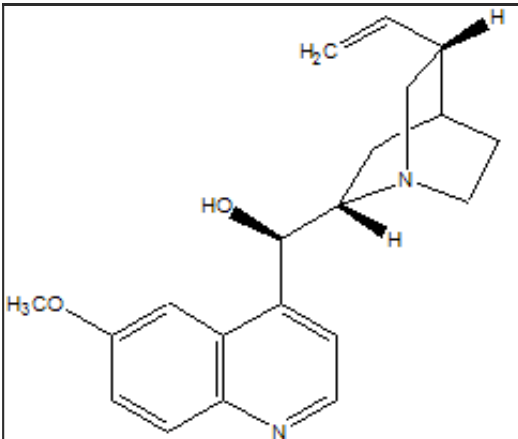


Records found: 1

Compound: Quinine							
							
CAS:		130-95-0					
Category:		Anti-infective Agents					
Subcategory:		Antimalarials					
Formula:		C ₂₀ H ₂₄ N ₂ O ₂					
Molecular Weight:		324.42					
SMILES:		[H][C@]1(C[C@@H]2CC[N@]1C[C@@H]2C=C)[C@H](O)C1=CC=NC2=CC=C(OC)C=C12>					
pKa:		4.2, 8.5					
Low est Solubility (mg/ml):		0.526					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	2.79	HIGH Permeability					
logP:	3.44	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
WHO	300.0	300.0	2.2813687	2.2813687	LOW	Class II	Class II

** A volume of 250 mL is used for the drugs on the US, UK, SP, KOR, and WHO lists, and a volume of 150 mL is used for drugs on the JP list.