

# hydrocinchonine

<b>Inchi:</b>	InChI=1S/C19H24N2O/c1-2-13-12-21-10-8-14(13)11-18(21)19(22)16-7-9-20-17-6-4-3-5-
<b>InchiKey:</b>	WFJNHVWTKZUUTR-UHFFFAOYSA-N
<b>Formula:</b>	C19H24N2O
<b>SMILES:</b>	CCC1CN2CCC1CC2C(O)c1ccnc2ccccc12
<b>Mol. weight [g/mol]:</b>	296.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.63		Aqueous Solubility Prediction Method
logp	3.389		Crippen Method
mcvol	239.460	ml/mol	McGowan Method
tf	541.65	K	Aqueous Solubility Prediction Method

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

**Aqueous Solubility Prediction Method:** <http://onschallenge.wikispaces.com/file/view/AqueousDataset002.xlsx/351826032/AqueousDa>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>tf:</b>	Normal melting (fusion) point

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