

# Hydroquinidine

<b>Other names:</b>	Cinchonan-9-ol, 10,11-dihydro-6'-methoxy-, (9S)- Dihydroquinidine 10,11-Dihydroquinidine Hydroconquinine (9S)-10,11-Dihydro-6'-methoxycinchonan-9-ol Hydroconchinine
<b>Inchi:</b>	InChI=1S/C20H26N2O2/c1-3-13-12-22-9-7-14(13)10-19(22)20(23)16-6-8-21-18-5-4-15(2)
<b>InchiKey:</b>	LJOQGZACKSYWCH-WGFDLZGGSA-N
<b>Formula:</b>	C20H26N2O2
<b>SMILES:</b>	CCC1CN2CCC1CC2C(O)c1ccnc2ccc(OC)cc12
<b>Mol. weight [g/mol]:</b>	326.43
<b>CAS:</b>	1435-55-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.02		Crippen Method
logp	3.397		Crippen Method
mccvol	259.420	ml/mol	McGowan Method
rinpol	2820.00		NIST Webbook
rinpol	2820.00		NIST Webbook
rinpol	2825.00		NIST Webbook
rinpol	2825.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C1435558&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C1435558&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>

# 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>rinpolar:</b>	Non-polar retention indices

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