

# Dimetacrine M(N-oxide)

<b>Inchi:</b>	InChI=1S/C20H26N2O/c1-20(2)16-10-5-7-12-18(16)22(23,15-9-14-21(3)4)19-13-8-6-11-
<b>InchiKey:</b>	IBZAKFPEKZMOEJ-UHFFFAOYSA-N
<b>Formula:</b>	C20H26N2O
<b>SMILES:</b>	CN(C)CCC[N+](=O)[O-]c2ccccc2C(C)(C)c2ccccc2
<b>Mol. weight [g/mol]:</b>	310.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.20		Crippen Method
logp	4.414		Crippen Method
mcvol	260.110	ml/mol	McGowan Method
rinpola	2020.00		NIST Webbook

## Sources

<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R213108&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R213108&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</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>rinpola:</b>	Non-polar retention indices

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