

# Cinnoline, 3,4-dimethyl-

<b>Other names:</b>	3,4-Dimethylcinnoline
<b>Inchi:</b>	InChI=1S/C10H10N2/c1-7-8(2)11-12-10-6-4-3-5-9(7)10/h3-6H,1-2H3
<b>InchiKey:</b>	FNBCNZVYOVGSRD-UHFFFAOYSA-N
<b>Formula:</b>	C10H10N2
<b>SMILES:</b>	Cc1nnc2ccccc2c1C
<b>Mol. weight [g/mol]:</b>	158.20
<b>CAS:</b>	3929-83-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.76		Crippen Method
logp	2.247		Crippen Method
mcvol	128.500	ml/mol	McGowan Method
rinpol	1411.00		NIST Webbook
rinpol	1411.00		NIST Webbook

## Sources

<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>
<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=C3929837&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C3929837&amp;Units=SI</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>rinpol:</b>	Non-polar retention indices

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