

# 2,3-Dihydro-1H-pyrrolo[2,1-b]quinazolin-9-one

**Other names:** 3H-Quinazolin-4-one, 2,3-trimethyleno  
**Inchi:** InChI=1S/C11H10N2O/c14-11-8-4-1-2-5-9(8)12-10-6-3-7-13(10)11/h1-2,4-5H,3,6-7H2  
**InchiKey:** VARHXCYGZKSOOO-UHFFFAOYSA-N  
**Formula:** C11H10N2O  
**SMILES:** O=c1c2ccccc2nc2n1CCC2  
**Mol. weight [g/mol]:** 186.21

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.00		Crippen Method
logp	1.343		Crippen Method
mcvol	137.600	ml/mol	McGowan Method
rinpol	1958.00		NIST Webbook
rinpol	1973.00		NIST Webbook
rinpol	1958.00		NIST Webbook
rinpol	1958.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R119823&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices

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