

# 11H-Pyrido[2,1-b]quinazolin-11-one, 1,2,3,4,6,7,8,9-octahydro, 8-methyl

**Inchi:** InChI=1S/C13H18N2O/c1-9-5-6-11-10(8-9)13(16)15-7-3-2-4-12(15)14-11/h9H,2-8H2,1H  
**InchiKey:** VPDPRCFMXKUQGH-UHFFFAOYSA-N  
**Formula:** C13H18N2O  
**SMILES:** CC1CCc2nc3n(c(=O)c2C1)CCCC3  
**Mol. weight [g/mol]:** 218.29

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.30		Crippen Method
logp	1.704		Crippen Method
mcvol	174.380	ml/mol	McGowan Method
rinsol	2097.00		NIST Webbook
rinsol	2097.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R64126&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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