

# Chloroacetic acid, morpholide

**Inchi:** InChI=1S/C6H10ClNO2/c7-5-6(9)8-1-3-10-4-2-8/h1-5H2  
**InchiKey:** YMQRPXBBBOXHNZ-UHFFFAOYSA-N  
**Formula:** C6H10ClNO2  
**SMILES:** O=C(CCl)N1CCOCC1  
**Mol. weight [g/mol]:** 163.60

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.19		Crippen Method
logp	0.084		Crippen Method
mcvol	114.200	ml/mol	McGowan Method
rinpola	1316.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307233&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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>

## Legend

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

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