

# 2-Chloropropanoic acid, morpholide

**Inchi:** InChI=1S/C7H12ClNO2/c1-6(8)7(10)9-2-4-11-5-3-9/h6H,2-5H2,1H3  
**InchiKey:** QAGATHCAVJHHGR-UHFFFAOYSA-N  
**Formula:** C7H12ClNO2  
**SMILES:** CC(Cl)C(=O)N1CCOCC1  
**Mol. weight [g/mol]:** 177.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.34		Crippen Method
logp	0.472		Crippen Method
mcvol	128.290	ml/mol	McGowan Method
rinpol	1339.00		NIST Webbook
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## Sources

**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=U307481&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## 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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