

# Cyclohexanecarboxylic acid, morpholide

**Inchi:** InChI=1S/C11H19NO2/c13-11(10-4-2-1-3-5-10)12-6-8-14-9-7-12/h10H,1-9H2  
**InchiKey:** SIRWNZIGHZQJAM-UHFFFAOYSA-N  
**Formula:** C11H19NO2  
**SMILES:** O=C(C1CCCCC1)N1CCOCC1  
**Mol. weight [g/mol]:** 197.27

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.41		Crippen Method
logp	1.425		Crippen Method
mcvol	161.550	ml/mol	McGowan Method
rinpola	1646.00		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=U306943&Units=SI>

## 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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