

# Hexanoic acid, morpholide

**Inchi:** InChI=1S/C10H19NO2/c1-2-3-4-5-10(12)11-6-8-13-9-7-11/h2-9H2,1H3  
**InchiKey:** ADAOWDCHNZQKDI-UHFFFAOYSA-N  
**Formula:** C10H19NO2  
**SMILES:** CCCCCC(=O)N1CCOCC1  
**Mol. weight [g/mol]:** 185.26

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.34		Crippen Method
logp	1.425		Crippen Method
mcvol	158.320	ml/mol	McGowan Method
rmpol	1513.00		NIST Webbook
rmpol	1513.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307284&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  
**rmpol:** Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/39-672-3/Hexanoic-acid-morpholide.pdf>

Generated by Cheméo on 2024-04-27 16:30:23.866678607 +0000 UTC m=+16524672.787255929.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.