

# N-Ethylthiomorpholine

**Inchi:** InChI=1S/C6H13NS/c1-2-7-3-5-8-6-4-7/h2-6H2,1H3  
**InchiKey:** PYYKWSJZFFSLKR-UHFFFAOYSA-N  
**Formula:** C6H13NS  
**SMILES:** CCN1CCSCC1  
**Mol. weight [g/mol]:** 131.24

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.68		Crippen Method
logp	1.055		Crippen Method
mcvol	110.870	ml/mol	McGowan Method
rinpole	1054.00		NIST Webbook
rinpole	1054.00		NIST Webbook

## 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=R346055&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  
**rinpole:** Non-polar retention indices

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