

# 2-(2-furyl)thiazole

**Inchi:** InChI=1S/C7H5NOS/c1-2-6(9-4-1)7-8-3-5-10-7/h1-5H  
**InchiKey:** ZVIGBJZXNPTZSQ-UHFFFAOYSA-N  
**Formula:** C7H5NOS  
**SMILES:** c1coc(-c2nccs2)c1  
**Mol. weight [g/mol]:** 151.19

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.33		Crippen Method
logp	2.403		Crippen Method
mcvol	102.770	ml/mol	McGowan Method
rinpol	1219.00		NIST Webbook
rinpol	1219.00		NIST Webbook
rinpol	1207.00		NIST Webbook
ripol	1985.00		NIST Webbook

## Sources

**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>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R169185&Units=SI>

## Legend

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

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