

# 2-(Methylthio)methyl-4-methylfuran

**Inchi:** InChI=1S/C7H10OS/c1-6-3-7(5-9-2)8-4-6/h3-4H,5H2,1-2H3  
**InchiKey:** OZAU RHUZJLENKZ-UHFFFAOYSA-N  
**Formula:** C7H10OS  
**SMILES:** CSCc1cc(C)co1  
**Mol. weight [g/mol]:** 142.22

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.86		Crippen Method
logp	2.451		Crippen Method
mcvol	112.250	ml/mol	McGowan Method
ripol	1530.00		NIST Webbook
ripol	1530.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R319687&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  
**ripol:** Polar retention indices

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