

# 3-ethyl furan

**Other names:** Furan, 3-ethyl  
**Inchi:** InChI=1S/C6H8O/c1-2-6-3-4-7-5-6/h3-5H,2H2,1H3  
**InchiKey:** RPCHNECSJGMRGP-UHFFFAOYSA-N  
**Formula:** C6H8O  
**SMILES:** CCc1ccoc1  
**Mol. weight [g/mol]:** 96.13

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.01		Crippen Method
logp	1.842		Crippen Method
mcvol	81.810	ml/mol	McGowan Method
rinpol	701.00		NIST Webbook
rinpol	704.00		NIST Webbook
rinpol	704.00		NIST Webbook
ripol	1021.00		NIST Webbook
ripol	1021.00		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=R264601&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## 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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