

# 3-Acetamidofuran

**Inchi:** InChI=1S/C6H7NO2/c1-5(8)7-6-2-3-9-4-6/h2-4H,1H3,(H,7,8)  
**InchiKey:** MSUYGSATOVDCFI-UHFFFAOYSA-N  
**Formula:** C6H7NO2  
**SMILES:** CC(=O)Nc1ccoc1  
**Mol. weight [g/mol]:** 125.13  
**CAS:** 59445-85-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.41		Crippen Method
logp	1.238		Crippen Method
mcvol	93.360	ml/mol	McGowan Method
rinpola	1202.00		NIST Webbook
rinpola	1202.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=C59445851&Units=SI>

## Legend

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

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