

# furfuryl pentyl ketone

**Inchi:** InChI=1S/C10H14O2/c1-2-3-5-9(11)8-10-6-4-7-12-10/h4,6-7H,2-3,5,8H2,1H3  
**InchiKey:** ZFOXBBGPKWFOHA-UHFFFAOYSA-N  
**Formula:** C10H14O2  
**SMILES:** CCCCC(=O)Cc1ccco1  
**Mol. weight [g/mol]:** 166.22

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.96		Crippen Method
logp	2.581		Crippen Method
mcvol	139.740	ml/mol	McGowan Method
ripol	1822.00		NIST Webbook
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## 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=R315665&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  
**ripol:** Polar retention indices

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