

# 2-(2-Furyl)-5,6-dimethylpyrazine

**Inchi:** InChI=1S/C10H10N2O/c1-7-8(2)12-9(6-11-7)10-4-3-5-13-10/h3-6H,1-2H3  
**InchiKey:** ITNKCJNTYFLMPS-UHFFFAOYSA-N  
**Formula:** C10H10N2O  
**SMILES:** Cc1ncc(-c2ccco2)nc1C  
**Mol. weight [g/mol]:** 174.20

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.29		Crippen Method
logp	2.353		Crippen Method
mcvol	134.370	ml/mol	McGowan Method
rinpole	1452.00		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=R323245&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  
**rinpole:** Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/57-742-5/2-2-Furyl-5-6-dimethylpyrazine.pdf>

Generated by Cheméo on 2024-04-25 17:11:46.654399099 +0000 UTC m=+16354355.574976412.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.