

# 2-Furanacetaldehyde, «alpha»-methyl-«alpha»-vinyl-

Other names:	2-(2-Furyl)-2-methyl-3-butenal «alpha»-Methyl-«alpha»-vinyl-2-furanacetaldehyde
Inchi:	InChI=1S/C9H10O2/c1-3-9(2,7-10)8-5-4-6-11-8/h3-7H,1H2,2H3
InchiKey:	PLLOKKQQTSGSSC-UHFFFAOYSA-N
Formula:	C9H10O2
SMILES:	<chem>C=CC(C)(C=O)c1ccco1</chem>
Mol. weight [g/mol]:	150.17
CAS:	31776-28-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.07		Crippen Method
logp	1.922		Crippen Method
mcvol	121.350	ml/mol	McGowan Method
ripol	1837.00		NIST Webbook
ripol	1837.00		NIST Webbook

## Sources

McGowan Method:	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C31776280&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C31776280&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
ripol:	Polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/44-634-9/2-Furanacetaldehyde-alpha-methyl-alpha-vinyl.pdf>

Generated by Cheméo on 2024-04-25 05:00:55.741996087 +0000 UTC m=+16310504.662573402.

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