

# 2-Furancarboxaldehyde, 5-(2-furanylmethyl)-

<b>Other names:</b>	2-Furaldehyde, 5-furfuryl- 5-(2'-Furfuryl)-2-furaldehyde 5-(2-Furfuryl)-2-furaldehyde
<b>Inchi:</b>	InChI=1S/C10H8O3/c11-7-10-4-3-9(13-10)6-8-2-1-5-12-8/h1-5,7H,6H2
<b>InchiKey:</b>	ZVXQJTFLBBRAPN-UHFFFAOYSA-N
<b>Formula:</b>	C10H8O3
<b>SMILES:</b>	O=Cc1ccc(Cc2ccco2)o1
<b>Mol. weight [g/mol]:</b>	176.17
<b>CAS:</b>	33488-56-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.28		Crippen Method
logp	2.276		Crippen Method
mcvol	126.150	ml/mol	McGowan Method
ripol	2341.00		NIST Webbook
ripol	2341.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C33488561&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C33488561&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>

## Legend

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

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