

Furan, 2-(methoxymethyl)-

Other names:	Furfuryl methyl ether 2-(Methoxymethyl)furan 2-Furfuryl methyl ether
Inchi:	InChI=1S/C6H8O2/c1-7-5-6-3-2-4-8-6/h2-4H,5H2,1H3
InchiKey:	GANSPRKOWQQXPE-UHFFFAOYSA-N
Formula:	C6H8O2
SMILES:	COCc1ccco1
Mol. weight [g/mol]:	112.13
CAS:	13679-46-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.59		Crippen Method
logp	1.426		Crippen Method
mcvol	87.680	ml/mol	McGowan Method
ripol	1241.00		NIST Webbook
ripol	1247.00		NIST Webbook
ripol	1247.00		NIST Webbook
ripol	1200.00		NIST Webbook
ripol	1260.00		NIST Webbook
ripol	1251.00		NIST Webbook
ripol	1251.00		NIST Webbook
ripol	1243.00		NIST Webbook
ripol	1245.00		NIST Webbook
ripol	1241.00		NIST Webbook
ripol	1252.00		NIST Webbook

Sources

Crippen Method:	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=C13679464&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
riol:	Polar retention indices

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