

2-Furfuryl ethyl ether

Other names:	2-(ethoxymethyl)furan
Inchi:	InChI=1S/C7H10O2/c1-2-8-6-7-4-3-5-9-7/h3-5H,2,6H2,1H3
InchiKey:	BHGBNDNKYPEAAT-UHFFFAOYSA-N
Formula:	C7H10O2
SMILES:	CCOCc1ccco1
Mol. weight [g/mol]:	126.15
CAS:	6270-56-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.01		Crippen Method
logp	1.816		Crippen Method
mcvol	101.770	ml/mol	McGowan Method
ripol	1297.00		NIST Webbook
ripol	1291.00		NIST Webbook
ripol	1272.00		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=C6270560&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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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