

# Furan, 2-[(ethylthio)methyl]-

<b>Other names:</b>	(Furfurylthio)ethane Furfuryl ethyl sulfide 2-[(Ethylsulfanyl)methyl]furan
<b>Inchi:</b>	InChI=1S/C7H10OS/c1-2-9-6-7-4-3-5-8-7/h3-5H,2,6H2,1H3
<b>InchiKey:</b>	WGQJSONNMGREEA-UHFFFAOYSA-N
<b>Formula:</b>	C7H10OS
<b>SMILES:</b>	CCSCc1ccco1
<b>Mol. weight [g/mol]:</b>	142.22
<b>CAS:</b>	2024-70-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.81		Crippen Method
logp	2.533		Crippen Method
mcvol	112.250	ml/mol	McGowan Method
rinpol	1058.00		NIST Webbook
rinpol	1069.00		NIST Webbook
rinpol	1058.00		NIST Webbook
ripol	1526.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C2024706&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C2024706&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

**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices  
**ripol:** Polar retention indices

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