

Thiazole, 2-ethoxy-

Other names:	2-Ethoxy-1,3-thiazole 2-Ethoxythiazole Ethyl 2-thiazolyl ether
Inchi:	InChI=1S/C5H7NOS/c1-2-7-5-6-3-4-8-5/h3-4H,2H2,1H3
InchiKey:	NDUWJHRKDYXRAD-UHFFFAOYSA-N
Formula:	C5H7NOS
SMILES:	CCOc1nccs1
Mol. weight [g/mol]:	129.18
CAS:	15679-19-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.53		Crippen Method
logp	1.542		Crippen Method
mcvol	94.050	ml/mol	McGowan Method
rinpol	943.00		NIST Webbook
ripol	1380.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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=C15679193&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices

ripol: Polar retention indices

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<https://www.chemeo.com/cid/98-414-4/Thiazole-2-ethoxy.pdf>

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