

Thiazole, 5-ethoxy-

Other names:	5-Ethoxythiazole
Inchi:	InChI=1S/C5H7NOS/c1-2-7-5-3-6-4-8-5/h3-4H,2H2,1H3
InchiKey:	CAYSHAOATVWHSR-UHFFFAOYSA-N
Formula:	C5H7NOS
SMILES:	CCOc1cnsc1
Mol. weight [g/mol]:	129.18
CAS:	25115-63-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.53		Crippen Method
logp	1.542		Crippen Method
mcvol	94.050	ml/mol	McGowan Method

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=C25115633&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/98-411-7/Thiazole-5-ethoxy.pdf>

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