

Thiazole, 5-methoxy-

Other names:	5-Methoxythiazole
Inchi:	InChI=1S/C4H5NOS/c1-6-4-2-5-3-7-4/h2-3H,1H3
InchiKey:	ASOREQWGEDVBSR-UHFFFAOYSA-N
Formula:	C4H5NOS
SMILES:	COc1cnsc1
Mol. weight [g/mol]:	115.15
CAS:	14542-14-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.11		Crippen Method
logp	1.152		Crippen Method
mcvol	79.960	ml/mol	McGowan Method

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=C14542144&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

Latest version available from:

<https://www.chemeo.com/cid/98-336-1/Thiazole-5-methoxy.pdf>

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