

2-Mercaptothiazole

Other names:	2-Thiazolethiol
Inchi:	InChI=1S/C3H3NS2/c5-3-4-1-2-6-3/h1-2H,(H,4,5)
InchiKey:	OCVLSHAVSIYKLI-UHFFFAOYSA-N
Formula:	C3H3NS2
SMILES:	Sc1nccs1
Mol. weight [g/mol]:	117.19
CAS:	82358-09-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.51		Crippen Method
logp	1.432		Crippen Method
mcvol	76.350	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=C82358096&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/60-362-3/2-Mercaptothiazole.pdf>

Generated by Cheméo on 2025-12-05 07:10:17.436116887 +0000 UTC m=+4666814.966157544.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.