4-Hydroxy-3,4,5,5-tetra-methylthiazolidine-2-thion

Inchi: InChI=1S/C7H13NOS2/c1-6(2)7(3,9)8(4)5(10)11-6/h9H,1-4H3
InchiKey: ZRDSOLBWCODEJO-UHFFFAOYSA-N
Formula: C7H13NOS2
SMILES: CN1C(=S)SC(C)(C)C1(C)O
Mol. weight [g/mol]: 191.31
CAS: 19975-63-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.43		Crippen Method
logp	1.437		Crippen Method
mcvol	142.880	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=C19975634&Units=SI

Legend

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