5-Ethyl-2-methyl-delta2-thiazoline

Other names: 5-Ethyl-2-methyl-delta
Inchi: InChI=1S/C6H11NS/c1-3-6-4-7-5(2)8-6/h6H,3-4H2,1-2H3
InchiKey: WZHHQLRZEQZVSD-UHFFFAOYSA-N
Formula: C6H11NS
SMILES: CCC1CN=C(C)S1
Mol. weight [g/mol]: 129.23

Physical Properties

Property code	Value	Unit	Source
hfus	14.86	kJ/mol	Joback Method
logp	1.930		Crippen Method
mcvol	106.570	ml/mol	McGowan Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	220.77	J/mol×K	457.63	Joback Method
cpg	235.16	J/mol×K	495.90	Joback Method
cpg	248.82	J/mol×K	534.17	Joback Method
cpg	261.73	J/mol×K	572.45	Joback Method
cpg	273.93	J/mol×K	610.72	Joback Method
cpg	285.40	J/mol×K	648.99	Joback Method
cpg	296.17	J/mol×K	687.26	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C4293623&Units=SI
Joback Method:	https://en.wikipedia.org/wiki/Joback_method

Legend

cpg:	Ideal gas heat capacity
hfus:	Enthalpy of fusion at standard conditions
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume