Methyl methylaminodithiocarbamate

Inchi: InChI=1S/C3H7NS2/c1-4-3(5)6-2/h1-2H3,(H,4,5)
InchiKey: VSTJXOLPHDGBPA-UHFFFAOYSA-N
Formula: C3H7NS2
SMILES: CN=C(S)SC
Mol. weight [g/mol]: 121.22

Physical Properties

Property code	Value	Unit	Source
hf	47.53	kJ/mol	Joback Method
hvap	39.22	kJ/mol	Joback Method
log10ws	-1.19		Crippen Method
logp	1.265		Crippen Method
mcvol	91.510	ml/mol	McGowan Method
pc	4299.92	kPa	Joback Method
rinpol	1416.00		NIST Webbook
rinpol	1396.00		NIST Webbook
rinpol	1394.00		NIST Webbook
rinpol	1421.00		NIST Webbook
rinpol	1398.00		NIST Webbook
rinpol	1411.00		NIST Webbook
rinpol	1394.00		NIST Webbook
rinpol	1421.00		NIST Webbook
tb	476.24	K	Joback Method
tc	726.95	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R11214&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method: https://en.wikipedia.org/wiki/Joback_method
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature