Ethyl methylaminodithiocarbamate

Inchi: InChI=1S/C4H9NS2/c1-3-7-4(6)5-2/h3H2,1-2H3,(H,5,6)
InchiKey: MNKSXVVWOZQGLR-UHFFFAOYSA-N
Formula: C4H9NS2
SMILES: CCSC(S)=NC
Mol. weight [g/mol]: 135.25

Physical Properties

Property code	Value	Unit	Source
hf	26.89	kJ/mol	Joback Method
hvap	41.45	kJ/mol	Joback Method
log10ws	-1.61		Crippen Method
logp	1.655		Crippen Method
mcvol	105.600	ml/mol	McGowan Method
pc	3805.69	kPa	Joback Method
rinpol	1479.00		NIST Webbook
rinpol	1450.00		NIST Webbook
rinpol	1454.00		NIST Webbook
rinpol	1452.00		NIST Webbook
rinpol	1465.00		NIST Webbook
rinpol	1472.00		NIST Webbook
rinpol	1450.00		NIST Webbook
rinpol	1479.00		NIST Webbook
tb	499.12	K	Joback Method
tc	745.00	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R11200&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

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