Formaldoxime, O-methyl

Inchi: InChI=1S/C2H5NO/c1-3-4-2/h1H2,2H3
InchiKey: KQBWUPMFKBDNJJ-UHFFFAOYSA-N
Formula: C2H5NO
SMILES: C=NOC
Mol. weight [g/mol]: 59.07

Physical Properties

Property code	Value	Unit	Source
hf	-126.40	kJ/mol	Joback Method
hvap	25.14	kJ/mol	Joback Method
log10ws	0.10		Crippen Method
logp	0.248		Crippen Method
mcvol	50.590	ml/mol	McGowan Method
pc	4205.63	kPa	Joback Method
rinpol	417.00		NIST Webbook
rinpol	417.00		NIST Webbook
tb	336.78	K	Joback Method
tc	522.34	K	Joback Method

Sources

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
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R511685&Units=SI

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