Formamide, N-isopropyl

Inchi: InChI=1S/C4H9NO/c1-4(2)5-3-6/h3-4H,1-2H3,(H,5,6)
InchiKey: KVTGAKFJRLBHLU-UHFFFAOYSA-N
Formula: C4H9NO
SMILES: CC(C)N=CO
Mol. weight [g/mol]: 87.12

Physical Properties

Property code	Value	Unit	Source
hf	-201.18	kJ/mol	Joback Method
hvap	44.10	kJ/mol	Joback Method
log10ws	-0.59		Crippen Method
logp	0.981		Crippen Method
mcvol	78.770	ml/mol	McGowan Method
pc	3872.29	kPa	Joback Method
rinpol	911.00		NIST Webbook
rinpol	911.00		NIST Webbook
tb	459.34	K	Joback Method
tc	646.12	K	Joback Method

Sources

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=R50668&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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