Ethanone, 1-cyclopropyl-, oxime

Other names: cyclopropylethan-1-one oxime
Inchi: InChI=1S/C5H9NO/c1-4(6-7)5-2-3-5/h5,7H,2-3H2,1H3
InchiKey: HTMLLPBZMWBCDN-UHFFFAOYSA-N
Formula: C5H9NO
SMILES: CC(=NO)C1CC1
Mol. weight [g/mol]: 99.13
CAS: 51761-72-9

Physical Properties

Property code	Value	Unit	Source
chs	-3226.30 ± 1.10	kJ/mol	NIST Webbook
hf	-153.53	kJ/mol	Joback Method
hfs	-27.60 ± 1.10	kJ/mol	NIST Webbook
hvap	46.71	kJ/mol	Joback Method
log10ws	-0.39		Crippen Method
logp	1.246		Crippen Method
mcvol	82.000	ml/mol	McGowan Method
pc	4026.13	kPa	Joback Method
tb	489.28	K	Joback Method
tc	687.92	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=C51761729&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

chs:	Standard solid enthalpy of combustion
hf:	Enthalpy of formation at standard conditions
hfs:	Solid phase 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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature