2-Methylcyclopentanone oxime

Inchi: InChI=1S/C6H11NO/c1-5-3-2-4-6(5)7-8/h5,8H,2-4H2,1H3
InchiKey: UKYZAUSNYKUJJC-UHFFFAOYSA-N
Formula: C6H11NO
SMILES: CC1CCCC1=NO
Mol. weight [g/mol]: 113.16

Physical Properties

Property code	Value	Unit	Source
hf	-217.89	kJ/mol	Joback Method
hvap	50.03	kJ/mol	Joback Method
log10ws	-0.80		Crippen Method
logp	1.637		Crippen Method
mcvol	96.090	ml/mol	McGowan Method
pc	3673.09	kPa	Joback Method
rinpol	883.00		NIST Webbook
rinpol	883.00		NIST Webbook
tb	523.30	K	Joback Method
tc	727.54	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R643955&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