Cyclohexanone, oxime, acetate

Inchi:	InChI=1S/C8H13NO2/c1-7(10)11-9-8-5-3-2-4-6-8/h2-6H2,1H3
InchiKey:	PRUSJJMORDRYMN-UHFFFAOYSA-N
Formula:	C8H13NO2
SMILES:	CC(=O)ON=C1CCCCC1
Mol. weight [g/mol]:	155.19

Physical Properties

Property code	Value	Unit	Source
hf	-337.56	kJ/mol	Joback Method
hvap	47.44	kJ/mol	Joback Method
log10ws	-2.08		Crippen Method
logp	1.870		Crippen Method
mcvol	125.840	ml/mol	McGowan Method
pc	2986.06	kPa	Joback Method
rinpol	1148.00		NIST Webbook
tb	562.11	K	Joback Method
tc	789.52	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=R120175&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

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