Acetyldicyclopropyl ketoxime

Inchi: InChI=1S/C9H13NO2/c1-6(11)12-10-9(7-2-3-7)8-4-5-8/h7-8H,2-5H2,1H3
InchiKey: BTKGLFIWJIHPKT-UHFFFAOYSA-N
Formula: C9H13NO2
SMILES: CC(=O)ON=C(C1CC1)C1CC1
Mol. weight [g/mol]: 167.21
CAS: 94115-41-0

Physical Properties

Property code	Value	Unit	Source
hf	-255.86	kJ/mol	Joback Method
hvap	48.00	kJ/mol	Joback Method
log10ws	-1.91		Crippen Method
logp	1.726		Crippen Method
mcvol	129.070	ml/mol	McGowan Method
pc	2841.41	kPa	Joback Method
tb	571.65	K	Joback Method
tc	794.55	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C94115410&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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature