Cyclopropiophenone oxime

Inchi: InChI=1S/C10H11NO/c12-11-10(9-6-7-9)8-4-2-1-3-5-8/h1-5,9,12H,6-7H2/b11-10-
InchiKey: RVNAYDOTXJROPF-KHPPLWFESA-N
Formula: C10H11NO
SMILES: ON=C(c1ccccc1)C1CC1
Mol. weight [g/mol]: 161.20
CAS: 7555-72-8

Physical Properties

Property code	Value	Unit	Source
hf	-20.20	kJ/mol	Joback Method
hvap	60.12	kJ/mol	Joback Method
log10ws	-1.68		Crippen Method
logp	2.275		Crippen Method
mcvol	128.690	ml/mol	McGowan Method
pc	3360.64	kPa	Joback Method
tb	630.36	K	Joback Method
tc	856.09	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=C7555728&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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature