Acetophenone, O-methyloxime

Inchi: InChI=1S/C9H11NO/c1-8(10-11-2)9-6-4-3-5-7-9/h3-7H,1-2H3
InchiKey: FRRKMGKUCIICOM-UHFFFAOYSA-N
Formula: C9H11NO
SMILES: CON=C(C)c1ccccc1
Mol. weight [g/mol]: 149.19

Physical Properties

Property code	Value	Unit	Source
hf	-52.35	kJ/mol	Joback Method
hvap	43.71	kJ/mol	Joback Method
log10ws	-2.04		Crippen Method
logp	2.057		Crippen Method
mcvol	125.460	ml/mol	McGowan Method
pc	2865.80	kPa	Joback Method
rinpol	1171.00		NIST Webbook
rinpol	1171.00		NIST Webbook
tb	530.98	K	Joback Method
tc	760.95	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=R99941&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
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature