Pentan-2-one, 4-methyl-4-ethoxyamino, O-ethyloxime, anty

Inchi: InChI=1S/C10H22N2O2/c1-6-13-11-9(3)8-10(4,5)12-14-7-2/h12H,6-8H2,1-5H3/b11-9+

InchiKey: DWQYXWPJDHLFEJ-PKNBQFBNSA-N

Formula: C10H22N2O2

SMILES: CCON=C(C)CC(C)(C)NOCC

Mol. weight [g/mol]: 202.29

Physical Properties

Property code	Value	Unit	Source
hf	-397.02	kJ/mol	Joback Method
hvap	51.21	kJ/mol	Joback Method
log10ws	-2.63		Crippen Method
logp	2.109		Crippen Method
mcvol	179.160	ml/mol	McGowan Method
pc	1923.67	kPa	Joback Method
rinpol	1205.00		NIST Webbook
rinpol	1205.00		NIST Webbook
tb	596.54	K	Joback Method
tc	789.96	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R315803&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

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