

Dicyclopropyl ketoxime

Other names:	Methanone, dicyclopropyl-, oxime Cyclopropyl ketone, oxime Dicyclopropyl ketone oxime
Inchi:	InChI=1S/C7H11NO/c9-8-7(5-1-2-5)6-3-4-6/h5-6,9H,1-4H2
InchiKey:	AEVSLBGUEKOQEE-UHFFFAOYSA-N
Formula:	C7H11NO
SMILES:	ON=C(C1CC1)C1CC1
Mol. weight [g/mol]:	125.17
CAS:	1453-52-7

Physical Properties

Property code	Value	Unit	Source
hf	-122.01	kJ/mol	Joback Method
hvap	51.08	kJ/mol	Joback Method
log10ws	-0.88		Crippen Method
logp	1.637		Crippen Method
mvol	99.320	ml/mol	McGowan Method
pc	3727.11	kPa	Joback Method
tb	541.78	K	Joback Method
tc	749.68	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=C1453527&Units=SI

Legend

hf:	Enthalpy of formation at standard conditions
h_{vap}:	Enthalpy of vaporization at standard conditions
log₁₀w_s:	Log ₁₀ of Water solubility in mol/l
log_p:	Octanol/Water partition coefficient
mc_{vol}:	McGowan's characteristic volume
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature

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