Ethanal, ethylhydrazone, N-acetyl

Inchi:	InChI=1S/C6H12N2O/c1-4-7-8(5-2)6(3)9/h4H,5H2,1-3H3/b7-4+
InchiKey:	QRBIZQMXUFUUFA-QPJJXVBHSA-N
Formula:	C6H12N2O
SMILES:	CC=NN(CC)C(C)=O
Mol. weight [g/mol]:	128.17

Physical Properties

Property code	Value	Unit	Source
hf	-130.00	kJ/mol	Joback Method
hvap	41.05	kJ/mol	Joback Method
log10ws	-0.83		Crippen Method
logp	0.861		Crippen Method
mcvol	112.630	ml/mol	McGowan Method
pc	2960.12	kPa	Joback Method
rinpol	1131.00		NIST Webbook
tb	479.67	K	Joback Method
tc	676.33	K	Joback Method

Sources

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=R323156&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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

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