(CH3)2N-CH=N-(4-acetylphenyl)

Inchi: InChI=1S/C11H14N2O/c1-9(14)10-4-6-11(7-5-10)12-8-13(2)3/h4-8H,1-3H3/b12-8+
InchiKey: NDLZNSGHNYVFJS-XYOKQWHBSA-N
Formula: C11H14N2O
SMILES: CC(=O)c1ccc(N=CN(C)C)cc1
Mol. weight [g/mol]: 190.24
CAS: 119044-59-6

Physical Properties

Property code	Value	Unit	Source
affp	979.80	kJ/mol	NIST Webbook
basg	947.30	kJ/mol	NIST Webbook
hf	-8.14	kJ/mol	Joback Method
hvap	55.12	kJ/mol	Joback Method
log10ws	-2.18		Crippen Method
logp	2.111		Crippen Method
mcvol	159.320	ml/mol	McGowan Method
pc	2495.01	kPa	Joback Method
tb	625.73	K	Joback Method
tc	850.99	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=C119044596&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

affp: Proton affinity

basg:	Gas basicity
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