(CH3)2N-CH=N-C2H5

Inchi: InChI=1S/C5H12N2/c1-4-6-5-7(2)3/h5H,4H2,1-3H3
InchiKey: XXKGMXBJIMBFCS-UHFFFAOYSA-N
Formula: C5H12N2
SMILES: CCN=CN(C)C
Mol. weight [g/mol]: 100.16
CAS: 74119-36-1

Physical Properties

Property code	Value	Unit	Source
affp	1008.70	kJ/mol	NIST Webbook
basg	976.30	kJ/mol	NIST Webbook
hf	3.22	kJ/mol	Joback Method
hvap	32.08	kJ/mol	Joback Method
log10ws	-0.14		Crippen Method
logp	0.596		Crippen Method
mcvol	96.970	ml/mol	McGowan Method
pc	3069.34	kPa	Joback Method
tb	402.92	K	Joback Method
tc	590.06	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=C74119361&Units=SI

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