(CH3)2N-CH=N-CH3

Inchi: InChI=1S/C4H10N2/c1-5-4-6(2)3/h4H,1-3H3
InchiKey: DMNYJSMNRDYEOT-UHFFFAOYSA-N
Formula: C4H10N2
SMILES: CN=CN(C)C
Mol. weight [g/mol]: 86.14
CAS: 1609-01-4

Physical Properties

Property code	Value	Unit	Source
affp	1002.50	kJ/mol	NIST Webbook
basg	970.00	kJ/mol	NIST Webbook
hf	23.86	kJ/mol	Joback Method
hvap	29.86	kJ/mol	Joback Method
log10ws	0.27		Crippen Method
logp	0.206		Crippen Method
mcvol	82.880	ml/mol	McGowan Method
pc	3423.86	kPa	Joback Method
tb	380.04	K	Joback Method
tc	568.36	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=C1609014&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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