(CH3)2N-C(CH3)=NCH3

Inchi: InChI=1S/C5H12N2/c1-5(6-2)7(3)4/h1-4H3
InchiKey: UCBFBQXXPWLTSZ-UHFFFAOYSA-N
Formula: C5H12N2
SMILES: CN=C(C)N(C)C
Mol. weight [g/mol]: 100.16
CAS: 28504-67-8

Physical Properties

Property code	Value	Unit	Source
affp	1023.20	kJ/mol	NIST Webbook
basg	990.80	kJ/mol	NIST Webbook
hf	-6.57	kJ/mol	Joback Method
hvap	32.16	kJ/mol	Joback Method
log10ws	-0.14		Crippen Method
logp	0.596		Crippen Method
mcvol	96.970	ml/mol	McGowan Method
pc	3086.42	kPa	Joback Method
tb	402.80	K	Joback Method
tc	593.73	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=C28504678&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