(CH3)2N-CH=N(CH2)2N(CH3)2

Inchi: InChI=1S/C7H17N3/c1-9(2)6-5-8-7-10(3)4/h7H,5-6H2,1-4H3
InchiKey: GPRHYZDETVLRQO-UHFFFAOYSA-N
Formula: C7H17N3
SMILES: CN(C)C=NCCN(C)C
Mol. weight [g/mol]: 143.23
CAS: 101398-58-7

Physical Properties

Property code	Value	Unit	Source
affp	1028.80	kJ/mol	NIST Webbook
basg	996.40	kJ/mol	NIST Webbook
hf	29.47	kJ/mol	Joback Method
hvap	38.58	kJ/mol	Joback Method
log10ws	0.45		Crippen Method
logp	0.138		Crippen Method
mcvol	135.130	ml/mol	McGowan Method
pc	2502.50	kPa	Joback Method
tb	461.12	K	Joback Method
tc	643.23	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C101398587&Units=SI
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

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