(CH3)2N-CH=N-(CH2)3N(CH3)2

Inchi: InChI=1S/C8H19N3/c1-10(2)7-5-6-9-8-11(3)4/h8H,5-7H2,1-4H3
InchiKey: HCQHTPHOWFJCLC-UHFFFAOYSA-N
Formula: C8H19N3
SMILES: CN(C)C=NCCCN(C)C
Mol. weight [g/mol]: 157.26
CAS: 139033-04-8

Physical Properties

Property code	Value	Unit	Source
affp	1057.70	kJ/mol	NIST Webbook
basg	1010.60	kJ/mol	NIST Webbook
hf	8.83	kJ/mol	Joback Method
hvap	40.80	kJ/mol	Joback Method
log10ws	0.03		Crippen Method
logp	0.528		Crippen Method
mcvol	149.220	ml/mol	McGowan Method
pc	2278.41	kPa	Joback Method
tb	484.00	K	Joback Method
tc	664.40	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=C139033048&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