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

Inchi: InChI=1S/C9H21N3/c1-9(12(4)5)10-7-6-8-11(2)3/h6-8H2,1-5H3
InchiKey: HTHDPZXRPTYKER-UHFFFAOYSA-N
Formula: C9H21N3
SMILES: CC(=NCCCN(C)C)N(C)C
Mol. weight [g/mol]: 171.28
CAS: 151328-47-1

Physical Properties

Property code	Value	Unit	Source
affp	1077.50	kJ/mol	NIST Webbook
basg	1030.50	kJ/mol	NIST Webbook
hf	-21.60	kJ/mol	Joback Method
hvap	43.11	kJ/mol	Joback Method
log10ws	-0.39		Crippen Method
logp	0.918		Crippen Method
mcvol	163.310	ml/mol	McGowan Method
pc	2092.66	kPa	Joback Method
tb	506.76	K	Joback Method
tc	688.55	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C151328471&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