(CH3)2N-C(CH3)=N(i-C3H7)

Inchi: InChI=1S/C7H16N2/c1-6(2)8-7(3)9(4)5/h6H,1-5H3
InchiKey: PZCMKUMWMHUQOX-UHFFFAOYSA-N
Formula: C7H16N2
SMILES: CC(=NC(C)C)N(C)C
Mol. weight [g/mol]: 128.22
CAS: 94793-19-8

Physical Properties

Property code	Value	Unit	Source
affp	1031.60	kJ/mol	NIST Webbook
basg	999.20	kJ/mol	NIST Webbook
hf	-53.13	kJ/mol	Joback Method
hvap	36.23	kJ/mol	Joback Method
log10ws	-1.09		Crippen Method
logp	1.375		Crippen Method
mcvol	125.150	ml/mol	McGowan Method
pc	2540.49	kPa	Joback Method
tb	448.12	K	Joback Method
tc	640.00	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C94793198&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