(CH3)2N-C(C2H5)=N(t-C4H9)

Inchi: InChI=1S/C9H20N2/c1-7-8(11(5)6)10-9(2,3)4/h7H2,1-6H3
InchiKey: SXAVOGFTBYRQRL-UHFFFAOYSA-N
Formula: C9H20N2
SMILES: CCC(=NC(C)(C)C)N(C)C
Mol. weight [g/mol]: 156.27
CAS: 151328-44-8

Physical Properties

Property code	Value	Unit	Source
affp	1043.30	kJ/mol	NIST Webbook
basg	1010.90	kJ/mol	NIST Webbook
hf	-97.88	kJ/mol	Joback Method
hvap	39.77	kJ/mol	Joback Method
log10ws	-1.93		Crippen Method
logp	2.155		Crippen Method
mcvol	153.330	ml/mol	McGowan Method
pc	2133.46	kPa	Joback Method
tb	491.09	K	Joback Method
tc	686.31	K	Joback Method

Sources

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=C151328448&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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