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

Inchi: InChI=1S/C8H19N3/c1-7(2)9-8(10(3)4)11(5)6/h7H,1-6H3
InchiKey: ZWNSMHHGBQHBRH-UHFFFAOYSA-N
Formula: C8H19N3
SMILES: CC(C)N=C(N(C)C)N(C)C
Mol. weight [g/mol]: 157.26
CAS: 29166-71-0

Physical Properties

Property code	Value	Unit	Source
affp	1055.60	kJ/mol	NIST Webbook
basg	1023.20	kJ/mol	NIST Webbook
hf	-6.24	kJ/mol	Joback Method
hvap	40.49	kJ/mol	Joback Method
log10ws	-0.58		Crippen Method
logp	0.874		Crippen Method
mcvol	149.220	ml/mol	McGowan Method
pc	2306.95	kPa	Joback Method
tb	483.44	K	Joback Method
tc	671.08	K	Joback Method

Sources

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
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C29166710&Units=SI

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