(CH3)2N-C(CH3)=N(n-C6H13)

Inchi: InChI=1S/C10H22N2/c1-5-6-7-8-9-11-10(2)12(3)4/h5-9H2,1-4H3
InchiKey: BWEYLJQZCIDMME-UHFFFAOYSA-N
Formula: C10H22N2
SMILES: CCCCCCN=C(C)N(C)C
Mol. weight [g/mol]: 170.30
CAS: 94793-26-7

Physical Properties

Property code	Value	Unit	Source
affp	1033.30	kJ/mol	NIST Webbook
basg	1000.90	kJ/mol	NIST Webbook
hf	-109.77	kJ/mol	Joback Method
hvap	43.29	kJ/mol	Joback Method
log10ws	-2.24		Crippen Method
logp	2.547		Crippen Method
mcvol	167.420	ml/mol	McGowan Method
pc	1923.67	kPa	Joback Method
tb	517.20	K	Joback Method
tc	699.11	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=C94793267&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