N'-Isobutyl-N,N-dimethyl-acetamidine

Inchi: InChI=1S/C8H18N2/c1-7(2)6-9-8(3)10(4)5/h7H,6H2,1-5H3/b9-8+
InchiKey: CWHAUQUUCOHEEW-CMDGGOBGSA-N
Formula: C8H18N2
SMILES: CC(=NCC(C)C)N(C)C
Mol. weight [g/mol]: 142.24

Physical Properties

Property code	Value	Unit	Source
hf	-73.77	kJ/mol	Joback Method
hvap	38.45	kJ/mol	Joback Method
log10ws	-1.16		Crippen Method
logp	1.622		Crippen Method
mcvol	139.240	ml/mol	McGowan Method
pc	2311.39	kPa	Joback Method
rinpol	1057.00		NIST Webbook
rinpol	1057.00		NIST Webbook
tb	471.00	K	Joback Method
tc	660.83	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=R153536&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature