(CH3)2N-CH=N-(c-propyl)

Inchi: InChI=1S/C6H12N2/c1-8(2)5-7-6-3-4-6/h5-6H,3-4H2,1-2H3/b7-5+
InchiKey: JFYWHBZEBPYEPZ-FNORWQNLSA-N
Formula: C6H12N2
SMILES: CN(C)C=NC1CC1
Mol. weight [g/mol]: 112.17
CAS: 133835-16-2

Physical Properties

Property code	Value	Unit	Source
affp	1006.20	kJ/mol	NIST Webbook
basg	973.80	kJ/mol	NIST Webbook
hf	55.38	kJ/mol	Joback Method
hvap	34.22	kJ/mol	Joback Method
log10ws	-0.57		Crippen Method
logp	0.739		Crippen Method
mcvol	100.200	ml/mol	McGowan Method
pc	3188.33	kPa	Joback Method
tb	432.54	K	Joback Method
tc	633.98	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=C133835162&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