(CH3)2C=NC2H5

Inchi: InChI=1S/C5H11N/c1-4-6-5(2)3/h4H2,1-3H3
InchiKey: OZMMUKDOYJJPHK-UHFFFAOYSA-N
Formula: C5H11N
SMILES: CCN=C(C)C
Mol. weight [g/mol]: 85.15
CAS: 1743-55-1

Physical Properties

Property code	Value	Unit	Source
affp	976.00	kJ/mol	NIST Webbook
basg	943.50	kJ/mol	NIST Webbook
hf	-74.10	kJ/mol	Joback Method
hvap	30.12	kJ/mol	Joback Method
log10ws	-1.08		Crippen Method
logp	1.487		Crippen Method
mcvol	86.990	ml/mol	McGowan Method
pc	3093.29	kPa	Joback Method
tb	390.36	K	Joback Method
tc	583.26	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=C1743551&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