((CH3)2N)2C=NC2H5

Inchi: InChI=1S/C7H17N3/c1-6-8-7(9(2)3)10(4)5/h6H2,1-5H3
InchiKey: LJNQGWIMQCKPSH-UHFFFAOYSA-N
Formula: C7H17N3
SMILES: CCN=C(N(C)C)N(C)C
Mol. weight [g/mol]: 143.23
CAS: 13439-88-8

Physical Properties

Property code	Value	Unit	Source
affp	1051.40	kJ/mol	NIST Webbook
basg	1019.00	kJ/mol	NIST Webbook
hf	19.68	kJ/mol	Joback Method
hvap	38.66	kJ/mol	Joback Method
log10ws	-0.05		Crippen Method
logp	0.486		Crippen Method
mcvol	135.130	ml/mol	McGowan Method
pc	2515.07	kPa	Joback Method
tb	461.00	K	Joback Method
tc	646.51	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C13439888&Units=SI
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

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