(CH3)2N-C(CH3)=NC2H5

Inchi: InChI=1S/C6H14N2/c1-5-7-6(2)8(3)4/h5H2,1-4H3
InchiKey: ISBGMIISPIKHNE-UHFFFAOYSA-N
Formula: C6H14N2
SMILES: CCN=C(C)N(C)C
Mol. weight [g/mol]: 114.19
CAS: 151328-40-4

Physical Properties

Property code	Value	Unit	Source
affp	1029.10	kJ/mol	NIST Webbook
basg	996.70	kJ/mol	NIST Webbook
hf	-27.21	kJ/mol	Joback Method
hvap	34.39	kJ/mol	Joback Method
log10ws	-0.56		Crippen Method
logp	0.986		Crippen Method
mcvol	111.060	ml/mol	McGowan Method
pc	2781.78	kPa	Joback Method
tb	425.68	K	Joback Method
tc	615.03	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C151328404&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

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

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