c-C5H9N,2-CH2Cl,1-CH3

Other names: c-C5H9N,2-CH2Cl,1-CH3
Inchi: InChI=1S/C7H14ClN/c1-9-5-3-2-4-7(9)6-8/h7H,2-6H2,1H3
InchiKey: FGMRHGUEOYXVMX-UHFFFAOYSA-N
Formula: C7H14ClN
SMILES: CN1CCCCC1CCl
Mol. weight [g/mol]: 147.65

Physical Properties

Property code	Value	Unit	Source
affp	965.00	kJ/mol	NIST Webbook
basg	934.20	kJ/mol	NIST Webbook
hvap	48.71	kJ/mol	Cheméo Relay (1.0)
ie	8.57	eV	Cheméo Relay (1.0)
logp	1.710		Crippen Method
mcvol	120.850	ml/mol	McGowan Method
tb	459.64	K	Cheméo Relay (1.0)

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C49665749&Units=SI
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):

Legend

affp: Proton affinity
basg: Gas basicity
hvap: Enthalpy of vaporization at standard conditions

ie:	Ionization energy
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature