1-Cyclohexylpyrrolidine

Inchi: InChI=1S/C10H19N/c1-2-6-10(7-3-1)11-8-4-5-9-11/h10H,1-9H2
InchiKey: ULBBXWVIXXPSOD-UHFFFAOYSA-N
Formula: C10H19N
SMILES: C1CCC(N2CCCC2)CC1
Mol. weight [g/mol]: 153.27

Physical Properties

Property code	Value	Unit	Source
hf	-83.25	kJ/mol	Cheméo Relay (1.0)
hvap	53.92	kJ/mol	Cheméo Relay (1.0)
ie	7.96 ± 0.03	eV	NIST Webbook
log10ws	-1.32		Cheméo Relay (1.0)
logp	2.415		Crippen Method
mcvol	140.020	ml/mol	McGowan Method
tb	483.56	K	Cheméo Relay (1.0)

Sources

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):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C7731024&Units=SI
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

hf: Enthalpy of formation at standard conditions
hvap: Enthalpy of vaporization at standard conditions
ie: Ionization energy
log10ws: Log10 of Water solubility in mol/l

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