1-(2-Propenyl)piperidine

Other names: Piperidine, 1-(2-propenyl)-
N-Allylpiperidine
Inchi: InChI=1S/C8H15N/c1-2-6-9-7-4-3-5-8-9/h2H,1,3-8H2
InchiKey: KYGMSGYKSGNPHM-UHFFFAOYSA-N
Formula: C8H15N
SMILES: C=CCN1CCCCC1
Mol. weight [g/mol]: 125.21
CAS: 14446-67-4

Physical Properties

Property code	Value	Unit	Source
chl	-5255.40 ± 1.00	kJ/mol	NIST Webbook
hfl	-36.40 ± 1.10	kJ/mol	NIST Webbook
log10ws	-1.49		Crippen Method
logp	1.658		Crippen Method
mcvol	118.400	ml/mol	McGowan Method
rinpol	931.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C14446674&Units=SI

Legend

chl: Standard liquid enthalpy of combustion
hfl: Liquid phase enthalpy of formation at standard conditions
log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

rinpol: Non-polar retention indices