N-Allylpiperidine

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

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
hvap	46.29	kJ/mol	Cheméo Relay (1.0)
logp	1.658		Crippen Method
mcvol	118.400	ml/mol	McGowan Method
rinpol	931.00		NIST Webbook
tb	418.33	K	Cheméo Relay (1.0)

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C14446674&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

chl: Standard liquid enthalpy of combustion
hfl: Liquid phase enthalpy of formation at standard conditions

hvap:	Enthalpy of vaporization at standard conditions
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature