Piperidine, 1-(1-propenyl)-

Other names:	1-Piperidinopropene
	Piperidine, 1-propenyl-
	N-Propenylpiperidine
	1-(1-Propenyl)piperidine
	1-Piperidino-1-propene
Inchi:	InChI=1S/C8H15N/c1-2-6-9-7-4-3-5-8-9/h2,6H,3-5,7-8H2,1H3/b6-2+
InchiKey:	VCQUDPHXRPHTFN-QHHAFSJGSA-N
Formula:	C8H15N
SMILES:	CC=CN1CCCCC1
Mol. weight [g/mol]:	125.21
CAS:	7182-09-4

Physical Properties

Property code	Value	Unit	Source
chl	-5234.40 ± 3.10	kJ/mol	NIST Webbook
hfl	-57.40 ± 3.20	kJ/mol	NIST Webbook
log10ws	-1.98		Crippen Method
logp	2.006		Crippen Method
mcvol	118.400	ml/mol	McGowan Method

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=C7182094&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