Pyrrolidine, 1-(1-butenyl)-

Other names:	1-(1-Butenyl)pyrrolidine
	1-(1-Pyrrolidinyl)-1-butene
	1-Pyrrolidino-1-butene
	(E)-1-Pyrrolidino-1-butene
Inchi:	InChI=1S/C8H15N/c1-2-3-6-9-7-4-5-8-9/h3,6H,2,4-5,7-8H2,1H3/b6-3+
InchiKey:	GQCQSPFOXSSUEG-ZZXKWVIFSA-N
Formula:	C8H15N
SMILES:	CCC=CN1CCCC1
Mol. weight [g/mol]:	125.21
CAS:	13937-89-8

Physical Properties

Property code	Value	Unit	Source
ie	6.70	eV	NIST Webbook
ie	7.24	eV	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=C13937898&Units=SI

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume