2-Propanone, methyl-2-propenylhydrazone

Other names:	Acetone methylallylhydrazone
	Acetone allyl(methyl)hydrazone
Inchi:	InChI=1S/C7H14N2/c1-5-6-9(4)8-7(2)3/h5H,1,6H2,2-4H3
InchiKey:	NLCRTRDPCWXYKO-UHFFFAOYSA-N
Formula:	C7H14N2
SMILES:	C=CCN(C)N=C(C)C
Mol. weight [g/mol]:	126.20
CAS:	62237-76-7

Physical Properties

Property code	Value	Unit	Source
hf	77.58	kJ/mol	Joback Method
hvap	35.94	kJ/mol	Joback Method
log10ws	-1.33		Crippen Method
logp	1.500		Crippen Method
mcvol	120.850	ml/mol	McGowan Method
pc	2629.85	kPa	Joback Method
rinpol	839.00		NIST Webbook
rinpol	839.00		NIST Webbook
tb	445.24	K	Joback Method
tc	636.82	K	Joback Method

Sources

Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C62237767&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature