1-Propenylamine, 2-methyl-N-(2-methylpropylidene)

Inchi: InChI=1S/C8H15N/c1-7(2)5-9-6-8(3)4/h5-7H,1-4H3/b9-5-

InchiKey: SXSKAWDSYGQTAC-UITAMQMPSA-N

Formula: C8H15N

SMILES: CC(C)=CN=CC(C)C

Mol. weight [g/mol]: 125.21

Physical Properties

Property code	Value	Unit	Source
hf	-24.08	kJ/mol	Joback Method
hvap	36.37	kJ/mol	Joback Method
log10ws	-2.44		Crippen Method
logp	2.637		Crippen Method
mcvol	124.960	ml/mol	McGowan Method
pc	2436.25	kPa	Joback Method
rinpol	892.00		NIST Webbook
rinpol	892.00		NIST Webbook
rinpol	892.00		NIST Webbook
tb	462.72	K	Joback Method
tc	664.25	K	Joback Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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=R62314&Units=SI

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