# 2-Propanamine, N-(1-methylethylidene)-

**Inchi:** InChI=1S/C6H13N/c1-5(2)7-6(3)4/h5H,1-4H3
**InchiKey:** UCJOAMOXKLJGST-UHFFFAOYSA-N
**Formula:** C6H13N
**SMILES:** CC(C)=NC(C)C
**Mol. weight [g/mol]:** 99.17
**CAS:** 3332-08-9

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hf | -100.02 | kJ/mol | Joback Method |
| hvap | 31.96 | kJ/mol | Joback Method |
| ie | 8.40 ± 0.20 | eV | NIST Webbook |
| log10ws | -1.61 | | Crippen Method |
| logp | 1.876 | | Crippen Method |
| mcvol | 101.080 | ml/mol | McGowan Method |
| pc | 2811.36 | kPa | Joback Method |
| tb | 412.80 | K | Joback Method |
| tc | 608.80 | K | Joback Method |

## Sources

**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=C3332089&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

**hf:** Enthalpy of formation at standard conditions
**hvap:** Enthalpy of vaporization at standard conditions

| | |
|---|---|
| **ie:** | Ionization energy |
| **log10ws:** | Log10 of Water solubility in mol/l |
| **logp:** | Octanol/Water partition coefficient |
| **mcvol:** | McGowan's characteristic volume |
| **pc:** | Critical Pressure |
| **tb:** | Normal Boiling Point Temperature |
| **tc:** | Critical Temperature |