# (CH3)2N-C(CH3)=N(c-C3H5)

**Inchi:** InChI=1S/C7H14N2/c1-6(9(2)3)8-7-4-5-7/h7H,4-5H2,1-3H3/b8-6+
**InchiKey:** CFZUGTYLLMFNEN-SOFGYWHQSA-N
**Formula:** C7H14N2
**SMILES:** CC(=NC1CC1)N(C)C
**Mol. weight [g/mol]:** 126.20
**CAS:** 151328-39-1

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| affp | 1024.10 | kJ/mol | NIST Webbook |
| basg | 991.70 | kJ/mol | NIST Webbook |
| hf | 24.95 | kJ/mol | Joback Method |
| hvap | 36.53 | kJ/mol | Joback Method |
| log10ws | -0.99 | | Crippen Method |
| logp | 1.129 | | Crippen Method |
| mcvol | 114.290 | ml/mol | McGowan Method |
| pc | 2884.30 | kPa | Joback Method |
| tb | 455.30 | K | Joback Method |
| tc | 658.37 | 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=C151328391&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

**affp:** Proton affinity

| | |
|---|---|
| **basg:** | Gas basicity |
| **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 |
| **tb:** | Normal Boiling Point Temperature |
| **tc:** | Critical Temperature |