# N''-cyclohexyl-N,N,N',N'-tetramethyl -guanidine

**Inchi:** InChI=1S/C11H23N3/c1-13(2)11(14(3)4)12-10-8-6-5-7-9-10/h10H,5-9H2,1-4H3
**InchiKey:** LMDPNRIZSVFXLG-UHFFFAOYSA-N
**Formula:** C11H23N3
**SMILES:** CN(C)C(=NC1CCCCC1)N(C)C
**Mol. weight [g/mol]:** 197.32

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hf | -8.56 | kJ/mol | Joback Method |
| hvap | 47.99 | kJ/mol | Joback Method |
| log10ws | -1.73 | | Crippen Method |
| logp | 1.798 | | Crippen Method |
| mcvol | 180.630 | ml/mol | McGowan Method |
| pc | 2117.78 | kPa | Joback Method |
| rinpol | 1398.00 | | NIST Webbook |
| tb | 572.07 | K | Joback Method |
| tc | 782.57 | 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=R153125&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 |

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