# cis-N-(1-Bicyclo[2.2.1]heptyl-N'-(1-adamantyl)diaz

**Inchi:** InChI=1S/C17H26N2/c1-3-16(4-2-12(1)8-16)18-19-17-9-13-5-14(10-17)7-15(6-13)11-17/
**InchiKey:** JRBGXZBKFSZGJV-HNENSFHCSA-N
**Formula:** C17H26N2
**SMILES:** C1CC2(N=NC34CC5CC(CC(C5)C3)C4)CCC1C2
**Mol. weight [g/mol]:** 258.40
**CAS:** 107454-75-1

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hf | 14.83 | kJ/mol | Joback Method |
| hvap | 57.40 | kJ/mol | Joback Method |
| log10ws | -4.93 | | Crippen Method |
| logp | 4.740 | | Crippen Method |
| mcvol | 211.750 | ml/mol | McGowan Method |
| pc | 1803.09 | kPa | Joback Method |
| tb | 775.61 | K | Joback Method |
| tc | 1038.37 | K | Joback Method |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C107454751&Units=SI
**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

## 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 |
| **tb:** | Normal Boiling Point Temperature |
| **tc:** | Critical Temperature |