# N,N-Dimethyl-N'-hexyl-pivalamidine

**Inchi:** InChI=1S/C13H28N2/c1-7-8-9-10-11-14-12(15(5)6)13(2,3)4/h7-11H2,1-6H3
**InchiKey:** SRHWRWHIGQGKIB-UHFFFAOYSA-N
**Formula:** C13H28N2
**SMILES:** CCCCCCN=C(N(C)C)C(C)(C)C
**Mol. weight [g/mol]:** 212.37

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hf | -180.44 | kJ/mol | Joback Method |
| hvap | 48.67 | kJ/mol | Joback Method |
| log10ws | -3.25 | | Crippen Method |
| logp | 3.573 | | Crippen Method |
| mcvol | 209.690 | ml/mol | McGowan Method |
| pc | 1539.08 | kPa | Joback Method |
| rinpol | 1393.00 | | NIST Webbook |
| tb | 582.61 | K | Joback Method |
| tc | 768.66 | 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=R162708&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 |