# N'-Benzyl-N,N-dimethyl-acetamidine

**Inchi:** InChI=1S/C11H16N2/c1-10(13(2)3)12-9-11-7-5-4-6-8-11/h4-8H,9H2,1-3H3/b12-10+
**InchiKey:** AMFPENPMLCZZRG-ZRDIBKRKSA-N
**Formula:** C11H16N2
**SMILES:** CC(=NCc1ccccc1)N(C)C
**Mol. weight [g/mol]:** 176.26

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hf | 106.12 | kJ/mol | Joback Method |
| hvap | 47.79 | kJ/mol | Joback Method |
| log10ws | -2.25 | | Crippen Method |
| logp | 2.167 | | Crippen Method |
| mcvol | 157.750 | ml/mol | McGowan Method |
| pc | 2391.19 | kPa | Joback Method |
| rinpol | 1441.00 | | NIST Webbook |
| rinpol | 1441.00 | | NIST Webbook |
| tb | 566.76 | K | Joback Method |
| tc | 787.69 | K | Joback Method |

## Sources

**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
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R153492&Units=SI

## 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 |