# p-methoxybenzylidene-butyl-amine

**Inchi:** InChI=1S/C12H17NO/c1-3-4-9-13-10-11-5-7-12(14-2)8-6-11/h5-8,10H,3-4,9H2,1-2H3/b1
**InchiKey:** RYTXIPUXGFCMPB-JLHYYAGUSA-N
**Formula:** C12H17NO
**SMILES:** CCCCN=Cc1ccc(OC)cc1
**Mol. weight [g/mol]:** 191.27

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hf | -115.95 | kJ/mol | Joback Method |
| hvap | 50.97 | kJ/mol | Joback Method |
| log10ws | -2.92 | | Crippen Method |
| logp | 2.914 | | Crippen Method |
| mcvol | 167.730 | ml/mol | McGowan Method |
| pc | 2111.94 | kPa | Joback Method |
| rinpol | 1649.00 | | NIST Webbook |
| rinpol | 1649.00 | | NIST Webbook |
| tb | 604.72 | K | Joback Method |
| tc | 819.58 | 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=R160099&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 |