# cis-Muurol-5-en-4-«beta»-ol

**Inchi:** InChI=1S/C15H26O/c1-10(2)15(16)8-7-12(4)13-6-5-11(3)9-14(13)15/h9-13,16H,5-8H2,1-
**InchiKey:** UAJHVFUBIKCODA-HNQLUHSGSA-N
**Formula:** C15H26O
**SMILES:** CC1C=C2C(CC1)C(C)CCC2(O)C(C)C
**Mol. weight [g/mol]:** 222.37

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hfus | 19.72 | kJ/mol | Joback Method |
| logp | 3.776 | | Crippen Method |
| mcvol | 202.060 | ml/mol | McGowan Method |
| rinpol | 1515.00 | | NIST Webbook |
| rinpol | 1549.00 | | NIST Webbook |
| rinpol | 1555.00 | | NIST Webbook |
| rinpol | 1531.00 | | NIST Webbook |
| rinpol | 1528.00 | | NIST Webbook |
| rinpol | 1528.00 | | NIST Webbook |

## Temperature Dependent Properties

| Property code | Value | Unit | Temperature [K] | Source |
|---|---|---|---|---|
| cpg | 597.80 | J/mol×K | 659.94 | Joback Method |
| cpg | 617.79 | J/mol×K | 694.13 | Joback Method |
| cpg | 636.77 | J/mol×K | 728.33 | Joback Method |
| cpg | 654.86 | J/mol×K | 762.52 | Joback Method |
| cpg | 672.18 | J/mol×K | 796.72 | Joback Method |
| cpg | 688.83 | J/mol×K | 830.91 | Joback Method |
| cpg | 704.93 | J/mol×K | 865.11 | Joback Method |

## Sources

| | |
|---|---|
| **McGowan Method:** | http://link.springer.com/article/10.1007/BF02311772 |
| **Crippen Method:** | http://pubs.acs.org/doi/abs/10.1021/ci990307l |
| **Crippen Method:** | https://www.chemeo.com/doc/models/crippen_log10ws |
| **Cheméo Relay (1.0):** | |
| **Cheméo Relay (1.0, beta):** | |
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=R199903&Units=SI |
| **Joback Method:** | https://en.wikipedia.org/wiki/Joback_method |

# Legend

| | |
|---|---|
| **cpg:** | Ideal gas heat capacity |
| **hfus:** | Enthalpy of fusion at standard conditions |
| **logp:** | Octanol/Water partition coefficient |
| **mcvol:** | McGowan's characteristic volume |
| **rinpol:** | Non-polar retention indices |