# 10-epi-Junenol

**Inchi:** InChI=1S/C15H26O/c1-10(2)13-9-8-12-7-5-6-11(3)15(12,4)14(13)16/h10,12-14,16H,3,5-
**InchiKey:** WVGOZCUPNULHAM-KBUPBQIOSA-N
**Formula:** C15H26O
**SMILES:** C=C1CCCC2CCC(C(C)C)C(O)C12C
**Mol. weight [g/mol]:** 222.37

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hfus | 17.73 | kJ/mol | Joback Method |
| logp | 3.776 | | Crippen Method |
| mcvol | 202.060 | ml/mol | McGowan Method |
| rinpol | 1579.00 | | NIST Webbook |
| rinpol | 1578.00 | | NIST Webbook |
| rinpol | 1579.00 | | NIST Webbook |

## Temperature Dependent Properties

| Property code | Value | Unit | Temperature [K] | Source |
|---|---|---|---|---|
| cpg | 596.74 | J/mol×K | 654.96 | Joback Method |
| cpg | 616.91 | J/mol×K | 688.98 | Joback Method |
| cpg | 636.06 | J/mol×K | 723.01 | Joback Method |
| cpg | 654.29 | J/mol×K | 757.03 | Joback Method |
| cpg | 671.72 | J/mol×K | 791.05 | Joback Method |
| cpg | 688.46 | J/mol×K | 825.08 | Joback Method |
| cpg | 704.61 | J/mol×K | 859.10 | Joback Method |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R229782&Units=SI
**Joback Method:** https://en.wikipedia.org/wiki/Joback_method
**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772

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|---|---|
| **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):** | |

# Legend

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|---|---|
| **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 |