# 12-nor-Ziza-6(13)-en-2«alpha»-ol

**Inchi:** InChI=1S/C14H22O/c1-9-11-4-5-12(15)14(11)7-6-10(8-14)13(9,2)3/h10-12,15H,1,4-8H2,
**InchiKey:** CXANYYGAUWHHNM-XVXXKJFYSA-N
**Formula:** C14H22O
**SMILES:** C=C1C2CCC(O)C23CCC(C3)C1(C)C
**Mol. weight [g/mol]:** 206.32

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| gf | 114.91 | kJ/mol | Joback Method |
| hf | -204.40 | kJ/mol | Joback Method |
| hfus | 14.70 | kJ/mol | Joback Method |
| hvap | 60.76 | kJ/mol | Joback Method |
| log10ws | -3.63 | | Crippen Method |
| logp | 3.140 | | Crippen Method |
| mcvol | 177.110 | ml/mol | McGowan Method |
| pc | 2532.82 | kPa | Joback Method |
| rinpol | 1603.00 | | NIST Webbook |
| rinpol | 1603.00 | | NIST Webbook |
| rinpol | 1603.00 | | NIST Webbook |
| tb | 630.96 | K | Joback Method |
| tc | 841.94 | K | Joback Method |
| tf | 408.14 | K | Joback Method |
| vc | 0.671 | m3/kmol | Joback Method |

## Temperature Dependent Properties

| Property code | Value | Unit | Temperature [K] | Source |
|---|---|---|---|---|
| cpg | 520.51 | J/mol×K | 630.96 | Joback Method |
| cpg | 538.69 | J/mol×K | 666.12 | Joback Method |
| cpg | 555.95 | J/mol×K | 701.29 | Joback Method |
| cpg | 572.53 | J/mol×K | 736.45 | Joback Method |
| cpg | 588.66 | J/mol×K | 771.61 | Joback Method |
| cpg | 604.59 | J/mol×K | 806.77 | Joback Method |
| cpg | 620.56 | J/mol×K | 841.94 | Joback Method |

# Sources

| | |
|---|---|
| **McGowan Method:** | http://link.springer.com/article/10.1007/BF02311772 |
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=R198599&Units=SI |
| **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 |

# Legend

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|---|---|
| **cpg:** | Ideal gas heat capacity |
| **gf:** | Standard Gibbs free energy of formation |
| **hf:** | Enthalpy of formation at standard conditions |
| **hfus:** | Enthalpy of fusion 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 |
| **tf:** | Normal melting (fusion) point |
| **vc:** | Critical Volume |