# Bisabola-3(15),10-dien-7-ol

**Inchi:** InChI=1S/C15H24O/c1-12(2)6-5-11-15(4,16)14-9-7-13(3)8-10-14/h6,9,16H,3,5,7-8,10-11
**InchiKey:** ORDMOWQILSHSHB-OAHLLOKOSA-N
**Formula:** C15H24O
**SMILES:** C=C1CC=C(C(C)(O)CCC=C(C)C)CC1
**Mol. weight [g/mol]:** 220.35

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| gf | 118.68 | kJ/mol | Joback Method |
| hf | -201.27 | kJ/mol | Joback Method |
| hfus | 20.61 | kJ/mol | Joback Method |
| hvap | 66.26 | kJ/mol | Joback Method |
| log10ws | -4.93 | | Crippen Method |
| logp | 4.150 | | Crippen Method |
| mcvol | 204.320 | ml/mol | McGowan Method |
| pc | 2043.76 | kPa | Joback Method |
| rinpol | 1643.00 | | NIST Webbook |
| tb | 663.11 | K | Joback Method |
| tc | 862.43 | K | Joback Method |
| tf | 341.59 | K | Joback Method |
| vc | 0.768 | m3/kmol | Joback Method |

## Temperature Dependent Properties

| Property code | Value | Unit | Temperature [K] | Source |
|---|---|---|---|---|
| cpg | 563.77 | J/mol×K | 663.11 | Joback Method |
| cpg | 580.40 | J/mol×K | 696.33 | Joback Method |
| cpg | 596.05 | J/mol×K | 729.55 | Joback Method |
| cpg | 610.77 | J/mol×K | 762.77 | Joback Method |
| cpg | 624.63 | J/mol×K | 795.99 | Joback Method |
| cpg | 637.70 | J/mol×K | 829.21 | Joback Method |
| cpg | 650.03 | J/mol×K | 862.43 | Joback Method |

# Sources

| | |
|---|---|
| **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=R198891&Units=SI |
| **Crippen Method:** | http://pubs.acs.org/doi/abs/10.1021/ci990307l |

# Legend

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