# Cashmeran

| | |
|---|---|
| **Other names:** | 1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one |
| | Cashmeran |
| **Inchi:** | InChI=1S/C14H22O/c1-9-13(2,3)10-7-6-8-11(15)12(10)14(9,4)5/h9H,6-8H2,1-5H3 |
| **InchiKey:** | MIZGSAALSYARKU-UHFFFAOYSA-N |
| **Formula:** | C14H22O |
| **SMILES:** | CC1C(C)(C)C2=C(C(=O)CCC2)C1(C)C |
| **Mol. weight [g/mol]:** | 206.33 |

# Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hfus | 10.41 | kJ/mol | Joback Method |
| logp | 3.738 | | Crippen Method |
| mcvol | 183.670 | ml/mol | McGowan Method |

# Temperature Dependent Properties

| Property code | Value | Unit | Temperature [K] | Source |
|---|---|---|---|---|
| cpg | 504.54 | J/mol×K | 618.76 | Joback Method |
| cpg | 525.27 | J/mol×K | 658.04 | Joback Method |
| cpg | 544.99 | J/mol×K | 697.33 | Joback Method |
| cpg | 563.94 | J/mol×K | 736.61 | Joback Method |
| cpg | 582.36 | J/mol×K | 775.90 | Joback Method |
| cpg | 600.51 | J/mol×K | 815.18 | Joback Method |
| cpg | 618.62 | J/mol×K | 854.47 | Joback Method |

# Sources

| | |
|---|---|
| **Joback Method:** | https://en.wikipedia.org/wiki/Joback_method |
| **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=C33704619&Units=SI

# Legend

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