# Methyl-«alpha»-Campholenate

**Inchi:** InChI=1S/C11H18O2/c1-8-5-6-9(11(8,2)3)7-10(12)13-4/h5,9H,6-7H2,1-4H3
**InchiKey:** CKBPZQNPZFCMDU-UHFFFAOYSA-N
**Formula:** C11H18O2
**SMILES:** COC(=O)CC1CC=C(C)C1(C)C
**Mol. weight [g/mol]:** 182.26

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hfus | 16.57 | kJ/mol | Joback Method |
| logp | 2.542 | | Crippen Method |
| mcvol | 158.130 | ml/mol | McGowan Method |
| rinpol | 1220.00 | | NIST Webbook |
| rinpol | 1232.00 | | NIST Webbook |
| rinpol | 1220.00 | | NIST Webbook |
| rinpol | 1232.00 | | NIST Webbook |

## Temperature Dependent Properties

| Property code | Value | Unit | Temperature [K] | Source |
|---|---|---|---|---|
| cpg | 385.13 | J/mol×K | 542.36 | Joback Method |
| cpg | 401.53 | J/mol×K | 576.70 | Joback Method |
| cpg | 417.06 | J/mol×K | 611.04 | Joback Method |
| cpg | 431.78 | J/mol×K | 645.38 | Joback Method |
| cpg | 445.79 | J/mol×K | 679.72 | Joback Method |
| cpg | 459.17 | J/mol×K | 714.06 | Joback Method |
| cpg | 472.00 | J/mol×K | 748.40 | Joback Method |

## Sources

**Cheméo Relay (1.0):**

**Cheméo Relay (1.0, beta):**

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|---|---|
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=R229237&Units=SI |
| **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 |

# 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 |