# 2-Methoxy-3,3-dimethylspirovetiva-1,4(15),7(11)-tr

**Inchi:** InChI=1S/C18H28O/c1-12(2)15-8-9-18(11-15)13(3)10-16(19-7)17(5,6)14(18)4/h10,13H,4
**InchiKey:** SWEORBGBXXGJKM-YJJYDOSJSA-N
**Formula:** C18H28O
**SMILES:** C=C1C(C)(C)C(OC)=CC(C)C12CCC(=C(C)C)C2
**Mol. weight [g/mol]:** 260.41

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hfus | 18.60 | kJ/mol | Joback Method |
| logp | 5.255 | | Crippen Method |
| mcvol | 235.730 | ml/mol | McGowan Method |
| rinpol | 1740.00 | | NIST Webbook |

## Correlations

| Information | Value |
|---|---|
| Property code | cpg |
| Equation | $Y = A + B \cdot T + C \cdot T^2 + D \cdot T^3 + E \cdot T.$ |
| Y unit | J/mol×K |
| Coeff. A | -1.47210e+02 |
| Coeff. B | 2.16082e+00 |
| Coeff. C | -1.90764e-03 |
| Coeff. D | 7.47900e-07 |
| Coeff. E | 0.00000e+00 |
| Basis | predicted |
| Temperature range (K), min. | 273.00 |
| Temperature range (K), max. | 1000.00 |

## Sources

**Cheméo Relay (1.0, beta):**

| | |
|---|---|
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=R236032&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 |
| **Cheméo Relay (1.0):** | |

# 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 |

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