# Prop-1-en-1,2-dimethyl-1-ol

**Inchi:** InChI=1S/C5H10O/c1-4(2)5(3)6/h6H,1-3H3
**InchiKey:** BZAZNULYLRVMSW-UHFFFAOYSA-N
**Formula:** C5H10O
**SMILES:** CC(C)=C(C)[O]
**Mol. weight [g/mol]:** 86.13
**CAS:** 34454-78-9

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| hf | -241.00 | kJ/mol | NIST Webbook |
| ie | 8.15 | eV | NIST Webbook |
| log10ws | -6.15 | | Crippen Method |
| logp | 1.731 | | Crippen Method |
| mcvol | 80.730 | ml/mol | McGowan Method |

## Sources

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C34454789&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

**hf:** Enthalpy of formation at standard conditions
**ie:** Ionization energy
**log10ws:** Log10 of Water solubility in mol/l
**logp:** Octanol/Water partition coefficient
**mcvol:** McGowan's characteristic volume

Latest version available from: