# 4-Quinazolone, 3-ethyl-2-methyl

**Inchi:** InChI=1S/C11H12N2O/c1-3-13-8(2)12-10-7-5-4-6-9(10)11(13)14/h4-7H,3H2,1-2H3
**InchiKey:** UMQKDYHNDQNEBD-UHFFFAOYSA-N
**Formula:** C11H12N2O
**SMILES:** CCn1c(C)nc2ccccc2c1=O
**Mol. weight [g/mol]:** 188.23

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -3.20 | | Crippen Method |
| logp | 1.725 | | Crippen Method |
| mcvol | 148.460 | ml/mol | McGowan Method |
| rinpol | 1749.00 | | NIST Webbook |
| rinpol | 1749.00 | | NIST Webbook |
| rinpol | 1749.00 | | NIST Webbook |

## Sources

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**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=R64578&Units=SI

## Legend

**log10ws:** Log10 of Water solubility in mol/l
**logp:** Octanol/Water partition coefficient
**mcvol:** McGowan's characteristic volume
**rinpol:** Non-polar retention indices