# Benzo[f]quinoline, 2-methyl-

**Other names:** 2-Methylbenzo[f]quinoline
**Inchi:** InChI=1S/C14H11N/c1-10-8-13-12-5-3-2-4-11(12)6-7-14(13)15-9-10/h2-9H,1H3
**InchiKey:** GDYIXQSZWGQBMB-UHFFFAOYSA-N
**Formula:** C14H11N
**SMILES:** Cc1cnc2ccc3ccccc3c2c1
**Mol. weight [g/mol]:** 193.24
**CAS:** 39258-30-5

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -5.32 | | Crippen Method |
| logp | 3.696 | | Crippen Method |
| mcvol | 155.420 | ml/mol | McGowan Method |
| rinpol | 320.50 | | NIST Webbook |
| rinpol | 320.50 | | NIST Webbook |
| tf | 355.00 ± 3.00 | K | NIST Webbook |

## 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=C39258305&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

**log10ws:** Log10 of Water solubility in mol/l
**logp:** Octanol/Water partition coefficient
**mcvol:** McGowan's characteristic volume
**rinpol:** Non-polar retention indices
**tf:** Normal melting (fusion) point