# 6-Chloro-2-methylquinoline

**Other names:** Quinoline, 6-chloro-2-methyl-
**Inchi:** InChI=1S/C10H8ClN/c1-7-2-3-8-6-9(11)4-5-10(8)12-7/h2-6H,1H3
**InchiKey:** OCCIBGIEIBQGAJ-UHFFFAOYSA-N
**Formula:** C10H8ClN
**SMILES:** Cc1ccc2cc(Cl)ccc2n1
**Mol. weight [g/mol]:** 177.63
**CAS:** 92-46-6

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -4.20 | | Crippen Method |
| logp | 3.197 | | Crippen Method |
| mcvol | 130.760 | ml/mol | McGowan Method |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C92466&Units=SI
**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

## Legend

**log10ws:** Log10 of Water solubility in mol/l
**logp:** Octanol/Water partition coefficient
**mcvol:** McGowan's characteristic volume