# Quinoline, 2-butyl-3-methyl-

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|---|---|
| **Inchi:** | InChI=1S/C14H17N/c1-3-4-8-13-11(2)10-12-7-5-6-9-14(12)15-13/h5-7,9-10H,3-4,8H2,1- |
| **InchiKey:** | VVRRMVOHADLIPW-UHFFFAOYSA-N |
| **Formula:** | C14H17N |
| **SMILES:** | CCCCc1nc2ccccc2cc1C |
| **Mol. weight [g/mol]:** | 199.29 |
| **CAS:** | 1531-62-0 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -5.16 | | Crippen Method |
| logp | 3.886 | | Crippen Method |
| mcvol | 174.880 | ml/mol | McGowan Method |
| rinpol | 1803.00 | | NIST Webbook |

## Sources

| | |
|---|---|
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=C1531620&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 |
| **rinpol:** | Non-polar retention indices |

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