

# Benzo[f]quinoline, 3-methyl-

**Other names:** «beta»-Naphthoquinaldine  
3-Methylbenzo[f]quinoline

**Inchi:** InChI=1S/C14H11N/c1-10-6-8-13-12-5-3-2-4-11(12)7-9-14(13)15-10/h2-9H,1H3

**InchiKey:** SUHRSZJZYUCLOD-UHFFFAOYSA-N

**Formula:** C14H11N

**SMILES:** Cc1ccc2c(ccc3ccccc32)n1

**Mol. weight [g/mol]:** 193.24

**CAS:** 85-06-3

## 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	320.26		NIST Webbook
rinpol	320.77		NIST Webbook
rinpol	320.26		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C85063&Units=SI>

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## 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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