

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:	<chem>Cc1ccc2cc(Cl)ccc2n1</chem>
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

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<https://www.chemeo.com/cid/77-061-9/6-Chloro-2-methylquinoline.pdf>

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