Quinoline, 2-chloro-4-methyl-

Other names:	2-Chlorolepidine
	2-Chloro-4-methylquinoline
	Lepidine, 2-chloro-
Inchi:	InChI=1S/C10H8ClN/c1-7-6-10(11)12-9-5-3-2-4-8(7)9/h2-6H,1H3
InchiKey:	PFEIMKNQOIFKSW-UHFFFAOYSA-N
Formula:	C10H8ClN
SMILES:	Cc1cc(Cl)nc2ccccc12
Mol. weight [g/mol]:	177.63
CAS:	634-47-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.20		Crippen Method
logp	3.197		Crippen Method
mcvol	130.760	ml/mol	McGowan Method
tb	569.20	K	NIST Webbook

Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C634479&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature