Pyridine, 2-chloro-6-methyl-

Other names:	2-Picoline, 6-chloro-
	2-Chloro-6-methylpyridine
	2-Chloro-6-picoline
	6-Chloro-2-picoline
	2-Cl-6-(CH3)-pyridine
	6-chloro-2-methylpyridine
Inchi:	InChI=1S/C6H6ClN/c1-5-3-2-4-6(7)8-5/h2-4H,1H3
InchiKey:	GXZDYRYYNXYPMQ-UHFFFAOYSA-N
Formula:	C6H6ClN
SMILES:	Cc1cccc(Cl)n1
Mol. weight [g/mol]:	127.57
CAS:	18368-63-3

Physical Properties

Property code	Value	Unit	Source
affp	908.00	kJ/mol	NIST Webbook
basg	876.20	kJ/mol	NIST Webbook
log10ws	-2.40		Crippen Method
logp	2.043		Crippen Method
mcvol	93.860	ml/mol	McGowan Method
tb	456.70	K	NIST Webbook

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	339.20	K	1.30	NIST Webbook
tbrp	333.20	K	1.00	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=C18368633&Units=SI

Legend

affp:	Proton affinity
basg:	Gas basicity
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature
tbrp:	Boiling point at reduced pressure