

Pyridine, 2-chloro-6-methoxy-

Other names:	2-Chloro-6-methoxypyridine 2-Methoxy-6-chloropyridine 6-Chloro-2-methoxypyridine
Inchi:	InChI=1S/C6H6ClNO/c1-9-6-4-2-3-5(7)8-6/h2-4H,1H3
InchiKey:	VAVGOGHLNAJECD-UHFFFAOYSA-N
Formula:	C6H6ClNO
SMILES:	COc1cccc(Cl)n1
Mol. weight [g/mol]:	143.57
CAS:	17228-64-7

Physical Properties

Property code	Value	Unit	Source
affp	909.90	kJ/mol	NIST Webbook
basg	878.00	kJ/mol	NIST Webbook
log10ws	-2.04		Crippen Method
logp	1.744		Crippen Method
mcvol	99.730	ml/mol	McGowan Method
rinpol	1025.20		NIST Webbook
rinpol	1025.20		NIST Webbook
tb	458.70	K	NIST Webbook

Sources

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=C17228647&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature

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