

5-Chlorothiophene-2-carboxylic acid

Other names:	5-Chlorothiophene-2-carboxylic acid 2-Thiophenecarboxylic acid, 5-chloro- 5-CHLORO-THIOPHENE-2-CARBOXILIC ACID
Inchi:	InChI=1S/C5H3ClO2S/c6-4-2-1-3(9-4)5(7)8/h1-2H,(H,7,8)
InchiKey:	QZLSBOVWPHXCLT-UHFFFAOYSA-N
Formula:	C5H3ClO2S
SMILES:	O=C(O)c1ccc(Cl)s1
Mol. weight [g/mol]:	162.60

Physical Properties

Property code	Value	Unit	Source
logp	2.100		Crippen Method
mcvol	97.880	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C24065336&Units=SI
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	

Legend

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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