

Dimethyl-m-chlorophenylchlorosilane

Inchi: InChI=1S/C8H10Cl2Si/c1-11(2,10)8-5-3-4-7(9)6-8/h3-6H,1-2H3
InchiKey: DXJORAJLLQKMCP-UHFFFAOYSA-N
Formula: C8H10Cl2Si
SMILES: C[Si](C)(Cl)c1cccc(Cl)c1
Mol. weight [g/mol]: 205.16

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.14		Crippen Method
logp	2.991		Crippen Method
rinpol	1282.80		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R135414&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/59-056-5/Dimethyl-m-chlorophenylchlorosilane.pdf>

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