

# m-Chlorophenyltrichlorosilane

**Inchi:** InChI=1S/C6H4Cl4Si/c7-5-2-1-3-6(4-5)11(8,9)10/h1-4H  
**InchiKey:** ZIILLBRFKOKOGU-UHFFFAOYSA-N  
**Formula:** C6H4Cl4Si  
**SMILES:** Clc1cccc([Si](Cl)(Cl)Cl)c1  
**Mol. weight [g/mol]:** 245.99

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.78		Crippen Method
logp	3.202		Crippen Method
rinpol	1313.30		NIST Webbook
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## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R135469&Units=SI>

## Legend

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

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<https://www.chemeo.com/cid/25-364-0/m-Chlorophenyltrichlorosilane.pdf>

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