

o-Chlorophenyltrichlorosilane

Inchi: InChI=1S/C6H4Cl4Si/c7-5-3-1-2-4-6(5)11(8,9)10/h1-4H
InchiKey: NYQDBZQWFXNBRZ-UHFFFAOYSA-N
Formula: C6H4Cl4Si
SMILES: Clc1ccccc1[Si](Cl)(Cl)Cl
Mol. weight [g/mol]: 245.99

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.78		Crippen Method
logp	3.202		Crippen Method
rinpol	1363.60		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R135543&Units=SI>

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.cheméo.com/cid/98-574-7/o-Chlorophenyltrichlorosilane.pdf>

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