

Methyl-o-chlorophenyldichlorosilane

Inchi: InChI=1S/C7H7Cl3Si/c1-11(9,10)7-5-3-2-4-6(7)8/h2-5H,1H3
InchiKey: PMMWOTCBNDDVHR-UHFFFAOYSA-N
Formula: C7H7Cl3Si
SMILES: C[Si](Cl)(Cl)c1ccccc1Cl
Mol. weight [g/mol]: 225.57

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -5.46 | | Crippen Method |
| logp | 3.097 | | Crippen Method |
| rinpol | 1343.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R135503&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/43-169-7/Methyl-o-chlorophenyldichlorosilane.pdf>

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