o-Chlorophenylphenyldichlorosilane

Inchi: InChI=1S/C12H9Cl3Si/c13-11-8-4-5-9-12(11)16(14,15)10-6-2-1-3-7-10/h1-9H
InchiKey: OBAOYYBTIVOIQA-UHFFFAOYSA-N
Formula: C12H9Cl3Si
SMILES: Clc1ccccc1[Si](Cl)(Cl)c1ccccc1
Mol. weight [g/mol]: 287.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.63		Crippen Method
logp	3.374		Crippen Method
rinpol	1904.90		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R305381&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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