p-Chlorophenylphenyldichlorosilane

Inchi: InChI=1S/C12H9Cl3Si/c13-10-6-8-12(9-7-10)16(14,15)11-4-2-1-3-5-11/h1-9H
InchiKey: JWZSTTMULJYMLW-UHFFFAOYSA-N
Formula: C12H9Cl3Si
SMILES: Clc1ccc([Si](Cl)(Cl)c2ccccc2)cc1
Mol. weight [g/mol]: 287.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.63		Crippen Method
logp	3.374		Crippen Method
rinpol	1891.80		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R135558&Units=SI

Legend

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