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

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R305381&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/51-020-2/o-Chlorophenylphenyldichlorosilane.pdf

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