

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/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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

Generated by Cheméo on 2024-04-24 03:12:47.254556757 +0000 UTC m=+16217616.175134074.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.