

Diphenylchlorosilane

Other names:	Chlorodiphenylsilane Silane, chlorodiphenyl- Diphenylsilyl chloride
Inchi:	InChI=1S/C12H11ClSi/c13-14(11-7-3-1-4-8-11)12-9-5-2-6-10-12/h1-10,14H
InchiKey:	VTMOWGGHUAZESJ-UHFFFAOYSA-N
Formula:	C12H11ClSi
SMILES:	Cl[SiH](c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	218.75
CAS:	1631-83-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.99		Crippen Method
logp	1.763		Crippen Method
rinpol	1620.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1631830&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/75-450-9/Diphenylchlorosilane.pdf>

Generated by Cheméo on 2024-04-20 13:55:23.800115697 +0000 UTC m=+15910572.720693009.

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