

Silane, trichloro(4-chlorophenyl)-

Other names:	p-Chlorophenyltrichlorosilane 4-Chlorophenyltrichlorosilane trichloro(p-chlorophenyl)silane
Inchi:	InChI=1S/C6H4Cl4Si/c7-5-1-3-6(4-2-5)11(8,9)10/h1-4H
InchiKey:	ABADVTFXFGWCNBV-UHFFFAOYSA-N
Formula:	C6H4Cl4Si
SMILES:	Clc1ccc([Si](Cl)(Cl)Cl)cc1
Mol. weight [g/mol]:	245.99
CAS:	825-94-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.78		Crippen Method
logp	3.202		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C825945&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

Latest version available from:

<https://www.cheméo.com/cid/98-575-6/Silane-trichloro-4-chlorophenyl.pdf>

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