

Silane, chloroethenyldiphenyl-

Other names:	Diphenylvinylchlorosilane Chlorodiphenylvinylsilane Silane, chlorodiphenylvinyl- Vinylidiphenylchlorosilane
Inchi:	InChI=1S/C14H13ClSi/c1-2-16(15,13-9-5-3-6-10-13)14-11-7-4-8-12-14/h2-12H,1H2
InchiKey:	PLMTWHZZBPGADP-UHFFFAOYSA-N
Formula:	C14H13ClSi
SMILES:	<chem>C=C[Si](Cl)(c1ccccc1)c1ccccc1</chem>
Mol. weight [g/mol]:	244.79
CAS:	18419-53-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.99		Crippen Method
logp	2.710		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	398.00	K	0.07	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18419539&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
tbrp:	Boiling point at reduced pressure

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