Silane, chloromethyldiphenyl-

Other names:	Chloromethyldiphenylsilane
	Methyldiphenylchlorosilane
	Methyldiphenylsilyl chloride
	Chlorodiphenylmethylsilane
	Diphenylmethylchlorosilane
Inchi:	InChI=1S/C13H13ClSi/c1-15(14,12-8-4-2-5-9-12)13-10-6-3-7-11-13/h2-11H,1H3
InchiKey:	OJZNZOXALZKPEA-UHFFFAOYSA-N
Formula:	C13H13ClSi
SMILES:	C[Si](Cl)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	232.78
CAS:	144-79-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.63		Crippen Method
logp	2.615		Crippen Method
rinpol	1675.20		NIST Webbook
rinpol	1675.20		NIST Webbook
tb	568.00	K	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C144796&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

tb: Normal Boiling Point Temperature