

Silane, (chloromethyl)dimethylphenyl-

Other names:	Chloromethyldimethylphenylsilane Dichloromethyldimethylphenylsilane Phenyldimethyl(chloromethyl)silane
Inchi:	InChI=1S/C9H13ClSi/c1-11(2,8-10)9-6-4-3-5-7-9/h3-7H,8H2,1-2H3
InchiKey:	RJCTVFQQNCNBHG-UHFFFAOYSA-N
Formula:	C9H13ClSi
SMILES:	C[Si](C)(CCl)c1ccccc1
Mol. weight [g/mol]:	184.74
CAS:	1833-51-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.38		Crippen Method
logp	2.380		Crippen Method
rinpol	1240.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1833518&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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