

(4-Chlorophenyl)(trimethyl)silane

Other names:	Silane, p-chlorophenyltrimethyl- p-Chlorophenyltrimethylsilane
Inchi:	InChI=1S/C9H13ClSi/c1-11(2,3)9-6-4-8(10)5-7-9/h4-7H,1-3H3
InchiKey:	LCQUSGXMZKOTPG-UHFFFAOYSA-N
Formula:	C9H13ClSi
SMILES:	C[Si](C)(C)c1ccc(Cl)cc1
Mol. weight [g/mol]:	184.74
CAS:	10557-71-8

Physical Properties

Property code	Value	Unit	Source
ie	9.01	eV	NIST Webbook
ie	9.03	eV	NIST Webbook
log10ws	-4.83		Crippen Method
logp	2.885		Crippen Method

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=C10557718&Units=SI

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/41-543-3/4-Chlorophenyl-trimethyl-silane.pdf>

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