

Silane, tert-butyldichlorophenyl-

Other names:	tert-Butylphenyldichlorosilane t-Butylphenyldichlorosilane Silane, dichloro(1,1-dimethylethyl)phenyl- dichloro(1,1-dimethylethyl)phenylsilane
Inchi:	InChI=1S/C10H14Cl2Si/c1-10(2,3)13(11,12)9-7-5-4-6-8-9/h4-8H,1-3H3
InchiKey:	OCXPCSGIIESOA-UHFFFAOYSA-N
Formula:	C10H14Cl2Si
SMILES:	CC(C)(C)[Si](Cl)(Cl)c1ccccc1
Mol. weight [g/mol]:	233.21
CAS:	17887-41-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.03		Crippen Method
logp	3.613		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17887411&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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/49-439-1/Silane-tert-butyldichlorophenyl.pdf>

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