

Silane, chloro(1,1-dimethylethyl)diphenyl-

Other names:	tert-Butyldiphenylchlorosilane tert-Butylchlorodiphenylsilane t-Butyldiphenylchlorosilane CB2805
Inchi:	InChI=1S/C16H19ClSi/c1-16(2,3)18(17,14-10-6-4-7-11-14)15-12-8-5-9-13-15/h4-13H,1-3
InchiKey:	MHYGQXWCZAYSLJ-UHFFFAOYSA-N
Formula:	C16H19ClSi
SMILES:	CC(C)(C)[Si](Cl)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	274.86
CAS:	58479-61-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.89		Crippen Method
logp	3.785		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C58479611&Units=SI

Legend

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

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