

n-Tetradecyltrichlorosilane

Other names:	Tetradecyltrichlorosilane Silane, trichlorotetradecyl-
Inchi:	InChI=1S/C14H29Cl3Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-18(15,16)17/h2-14H2,1H3
InchiKey:	LPMVYGAHBSNGHP-UHFFFAOYSA-N
Formula:	C14H29Cl3Si
SMILES:	CCCCCCCCCCCC[Si](Cl)(Cl)Cl
Mol. weight [g/mol]:	331.82
CAS:	18402-22-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.36		Crippen Method
logp	7.343		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18402227&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.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.chemeo.com/cid/39-246-6/n-Tetradecyltrichlorosilane.pdf>

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