Silane, [(10-chlorodecyl)oxy]trimethyl-

Other names:	10-Chlorodecyl trimethylsilyl ether
	[(10-Chlorodecyl)oxy](trimethyl)silane
	10-Chloro-1-decanol, trimethylsilyl ether
	10-Chloro-1-decanol, tms derivative
Inchi:	InChI=1S/C13H29ClOSi/c1-16(2,3)15-13-11-9-7-5-4-6-8-10-12-14/h4-13H2,1-3H3
InchiKey:	QLIAEYHVFSJLQU-UHFFFAOYSA-N
Formula:	C13H29ClOSi
SMILES:	C[Si](C)(C)OCCCCCCCCCCCl
Mol. weight [g/mol]:	264.91
CAS:	34714-01-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.56		Crippen Method
logp	5.197		Crippen Method
rinpol	1643.20		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C34714017&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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https://www.chemeo.com/cid/41-625-2/Silane-10-chlorodecyl-oxy-trimethyl.pdf

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