

# Silane, dimethyl(2,2,2-trichloroethoxy)undecyloxy-

Inchi:	InChI=1S/C15H31Cl3O2Si/c1-4-5-6-7-8-9-10-11-12-13-19-21(2,3)20-14-15(16,17)18/h4-
InchiKey:	DJCXXNZFOHKVTK-UHFFFAOYSA-N
Formula:	C15H31Cl3O2Si
SMILES:	CCCCCCCCCO[Si](C)(C)OCC(Cl)(Cl)Cl
Mol. weight [g/mol]:	377.85

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.47		Crippen Method
logp	6.622		Crippen Method
rinpol	2014.00		NIST Webbook

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U347568&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U347568&amp;Units=SI</a>

## Legend

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

Latest version available from:

<https://www.cheméo.com/cid/57-422-0/Silane-dimethyl-2-2-2-trichloroethoxy-undecyloxy.pdf>

Generated by Cheméo on 2024-04-20 08:17:43.583174995 +0000 UTC m=+15890312.503752312.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.