

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

Inchi:	InChI=1S/C11H23Cl3O2Si/c1-4-5-6-7-8-9-15-17(2,3)16-10-11(12,13)14/h4-10H2,1-3H3
InchiKey:	PSNFXKMRHANIJR-UHFFFAOYSA-N
Formula:	C11H23Cl3O2Si
SMILES:	CCCCCCCO[Si](C)(C)OCC(Cl)(Cl)Cl
Mol. weight [g/mol]:	321.74

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.80		Crippen Method
logp	5.062		Crippen Method
rinpol	1601.00		NIST Webbook
rinpol	1601.00		NIST Webbook

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U347566&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U347566&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.chemeo.com/cid/79-858-3/Silane-dimethyl-2-2-2-trichloroethoxy-heptyloxy.pdf>

Generated by Cheméo on 2024-04-24 17:39:15.883599363 +0000 UTC m=+16269604.804176679.

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