

Silane, dimethyl(2,2,2-trichloroethoxy)hexyloxy-

Inchi:	InChI=1S/C10H21Cl3O2Si/c1-4-5-6-7-8-14-16(2,3)15-9-10(11,12)13/h4-9H2,1-3H3
InchiKey:	QHVMXVKCRWVRNO-UHFFFAOYSA-N
Formula:	C10H21Cl3O2Si
SMILES:	CCCCCO[Si](C)(C)OCC(Cl)(Cl)Cl
Mol. weight [g/mol]:	307.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.38		Crippen Method
logp	4.672		Crippen Method
rinpol	1502.00		NIST Webbook
rinpol	1502.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U347565&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

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/21-025-0/Silane-dimethyl-2-2-2-trichloroethoxy-hexyloxy.pdf>

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