

Trimethyl(2,2,2-trichloroethoxy)silane

Other names:	2,2,2-Trichloroethanol, trimethylsilyl ether
Inchi:	InChI=1S/C5H11Cl3OSi/c1-10(2,3)9-4-5(6,7)8/h4H2,1-3H3
InchiKey:	GGUYVDGEJQAJIR-UHFFFAOYSA-N
Formula:	C5H11Cl3OSi
SMILES:	C[Si](C)(C)OCC(Cl)(Cl)Cl
Mol. weight [g/mol]:	221.59
CAS:	41262-38-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.62		Crippen Method
logp	3.208		Crippen Method
rinpol	1019.70		NIST Webbook
rinpol	1019.70		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C41262388&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/119-867-8/Trimethyl-2-2-2-trichloroethoxy-silane.pdf>

Generated by Cheméo on 2024-04-29 07:30:27.50476177 +0000 UTC m=+16665076.425339085.

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