

# Trichloro(hexyloxy)silane

**Inchi:** InChI=1S/C6H13Cl3OSi/c1-2-3-4-5-6-10-11(7,8)9/h2-6H2,1H3  
**InchiKey:** SKWKZDURTCWZHB-UHFFFAOYSA-N  
**Formula:** C6H13Cl3OSi  
**SMILES:** CCCCCCO[Si](Cl)(Cl)Cl  
**Mol. weight [g/mol]:** 235.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.68		Crippen Method
logp	3.735		Crippen Method
rinsol	1130.00		NIST Webbook
rinsol	1125.00		NIST Webbook
rinsol	1080.00		NIST Webbook
rinsol	1130.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R139387&Units=SI>

## Legend

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

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