

# Silane, triethoxy-, hexyloxy-

**Inchi:** InChI=1S/C12H28O4Si/c1-5-9-10-11-12-16-17(13-6-2,14-7-3)15-8-4/h5-12H2,1-4H3  
**InchiKey:** RSQXQPJKEFZBGI-UHFFFAOYSA-N  
**Formula:** C12H28O4Si  
**SMILES:** CCCCCCO[Si](OCC)(OCC)OCC  
**Mol. weight [g/mol]:** 264.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.99		Crippen Method
logp	3.128		Crippen Method
rinpol	1200.00		NIST Webbook
rinpol	1200.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138686&Units=SI>

## Legend

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

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<https://www.chemeo.com/cid/83-563-5/Silane-triethoxy-hexyloxy.pdf>

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