

# Silane, trimethoxy-, butyloxy-

**Inchi:** InChI=1S/C7H18O4Si/c1-5-6-7-11-12(8-2,9-3)10-4/h5-7H2,1-4H3  
**InchiKey:** GPLARHNOLLDPGA-UHFFFAOYSA-N  
**Formula:** C7H18O4Si  
**SMILES:** CCCCCO[Si](OC)(OC)OC  
**Mol. weight [g/mol]:** 194.30

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.10		Crippen Method
logp	1.178		Crippen Method
rinpol	894.00		NIST Webbook
rinpol	900.70		NIST Webbook
rinpol	894.00		NIST Webbook
rinpol	894.00		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=R138339&Units=SI>

## 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/64-607-7/Silane-trimethoxy-butyloxy.pdf>

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