

# Trimethoxypentylsilane

**Inchi:** InChI=1S/C8H20O3Si/c1-5-6-7-8-12(9-2,10-3)11-4/h5-8H2,1-4H3  
**InchiKey:** HILHCDFHSDUYNX-UHFFFAOYSA-N  
**Formula:** C8H20O3Si  
**SMILES:** CCCCC[Si](OC)(OC)OC  
**Mol. weight [g/mol]:** 192.33

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.35		Crippen Method
logp	2.055		Crippen Method
rinpol	985.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=R160871&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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