

# Silane, dimethyl(3-methylpentyloxy)pentyloxy-

**Inchi:** InChI=1S/C13H30O2Si/c1-6-8-9-11-14-16(4,5)15-12-10-13(3)7-2/h13H,6-12H2,1-5H3  
**InchiKey:** YXGKKGNCKICTET-UHFFFAOYSA-N  
**Formula:** C13H30O2Si  
**SMILES:** CCCCCO[Si](C)(C)OCCC(C)CC  
**Mol. weight [g/mol]:** 246.46

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.83		Crippen Method
logp	4.348		Crippen Method
rinpol	1334.00		NIST Webbook
rinpol	1334.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347695&Units=SI>  
**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)

## Legend

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

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