

# Silane, ethyl tripentyl

**Inchi:** InChI=1S/C17H38Si/c1-5-9-12-15-18(8-4,16-13-10-6-2)17-14-11-7-3/h5-17H2,1-4H3  
**InchiKey:** XAZLDHRTBRWOEK-UHFFFAOYSA-N  
**Formula:** C17H38Si  
**SMILES:** CCCCC[Si](CC)(CCCC)CCCC  
**Mol. weight [g/mol]:** 270.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.41		Crippen Method
logp	7.026		Crippen Method
rinpol	1618.00		NIST Webbook
rinpol	1618.00		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=R11303&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/64-318-8/Silane-ethyl-tripentyl.pdf>

Generated by Cheméo on 2024-04-25 17:23:44.270086285 +0000 UTC m=+16355073.190663596.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.