

# Silane, dimethylpentyloxytetradecyloxy-

**Inchi:** InChI=1S/C21H46O2Si/c1-5-7-9-10-11-12-13-14-15-16-17-19-21-23-24(3,4)22-20-18-8-6  
**InchiKey:** ZQUHRSDDSJODNB-UHFFFAOYSA-N  
**Formula:** C21H46O2Si  
**SMILES:** CCCCCCCCCCCCCO[Si](C)(C)OCCCCC  
**Mol. weight [g/mol]:** 358.67

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.42		Crippen Method
logp	7.613		Crippen Method
rinpol	2152.00		NIST Webbook
rinpol	2152.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346832&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

Latest version available from:

<https://www.cheméo.com/cid/84-812-7/Silane-dimethylpentyloxytetradecyloxy.pdf>

Generated by Cheméo on 2026-04-21 22:11:28.376755417 +0000 UTC m=+574837.434837639.

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