

# Silane, dimethyl(3-methylbut-2-enyloxy)tetradecyloxy-

**Inchi:** InChI=1S/C21H44O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-19-22-24(4,5)23-20-18-21(2)  
**InchiKey:** CIOOQSDHVMLNPS-UHFFFAOYSA-N  
**Formula:** C21H44O2Si  
**SMILES:** CCCCCCCCCCCCCO[Si](C)(C)OCC=C(C)C  
**Mol. weight [g/mol]:** 356.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.27		Crippen Method
logp	7.389		Crippen Method
rinpol	2155.00		NIST Webbook
rinpol	2155.00		NIST Webbook

## Sources

**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=U347973&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## 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/84-639-0/Silane-dimethyl-3-methylbut-2-enyloxy-tetradecyloxy.pdf>

Generated by Cheméo on 2024-04-18 14:07:43.359281721 +0000 UTC m=+15738512.279859044.

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