

# Silane, dimethyl(dodec-2-enyloxy)heptyloxy-

**Inchi:** InChI=1S/C21H44O2Si/c1-5-7-9-11-12-13-14-15-17-19-21-23-24(3,4)22-20-18-16-10-8-6  
**InchiKey:** DWHBDGLOMKOMGC-HTXNQAPBSA-N  
**Formula:** C21H44O2Si  
**SMILES:** CCCCCCCCC=CCO[Si](C)(C)OCCCCCCC  
**Mol. weight [g/mol]:** 356.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.27		Crippen Method
logp	7.389		Crippen Method
rinpol	2144.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=U348068&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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