

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

**Inchi:** InChI=1S/C23H48O2Si/c1-5-7-9-11-13-14-15-17-19-21-23-25-26(3,4)24-22-20-18-16-12  
**InchiKey:** FKDGQTZCKQSITD-XUTLUUPIISA-N  
**Formula:** C23H48O2Si  
**SMILES:** CCCCCCCCC=CCO[Si](C)(C)OCCCCCCCCC  
**Mol. weight [g/mol]:** 384.71

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.11		Crippen Method
logp	8.169		Crippen Method
rinpol	2324.00		NIST Webbook
rinpol	2324.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U348070&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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