

# Silane, dimethyl(dodec-9-ynyloxy)octyloxy-

**Inchi:** InChI=1S/C22H44O2Si/c1-5-7-9-11-13-14-15-16-18-20-22-24-25(3,4)23-21-19-17-12-10  
**InchiKey:** FZIQYJYJWSKMBL-UHFFFAOYSA-N  
**Formula:** C22H44O2Si  
**SMILES:** CCC#CCCCCCCCO[Si](C)(C)OCCCCCCCC  
**Mol. weight [g/mol]:** 368.67

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.63		Crippen Method
logp	7.226		Crippen Method
rinpol	2260.00		NIST Webbook
rinpol	2260.00		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=U347873&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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<https://www.chemeo.com/cid/69-205-8/Silane-dimethyl-dodec-9-ynyloxy-octyloxy.pdf>

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