

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

**Inchi:** InChI=1S/C16H32O2Si/c1-5-7-8-9-10-11-12-13-14-15-16-18-19(3,4)17-6-2/h5-6,9-16H2,  
**InchiKey:** OQFHUBMWMNSECG-UHFFFAOYSA-N  
**Formula:** C16H32O2Si  
**SMILES:** CCC#CCCCCCCCO[Si](C)(C)OCC  
**Mol. weight [g/mol]:** 284.51

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.12		Crippen Method
logp	4.885		Crippen Method
rinpol	1748.00		NIST Webbook
rinpol	1748.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347870&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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