

# Silane, diethyl(dodec-9-ynyloxy)octadecyloxy-

**Inchi:** InChI=1S/C34H68O2Si/c1-5-9-11-13-15-17-19-20-21-22-23-24-26-28-30-32-34-36-37(7-  
**InchiKey:** YWIIORGAFLTZGG-UHFFFAOYSA-N  
**Formula:** C34H68O2Si  
**SMILES:** CCC#CCCCCCCCCO[Si](CC)(CC)OCCCCCCCCCCCCCCCCCCC  
**Mol. weight [g/mol]:** 536.99

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.66		Crippen Method
logp	11.907		Crippen Method
rinpol	3410.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363590&Units=SI>  
**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)

## 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/52-813-1/Silane-diethyl-dodec-9-ynyloxy-octadecyloxy.pdf>

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