

# Silane, dimethyl(2-methyloct-5-yn-4-yloxy)octyloxy-

**Inchi:** InChI=1S/C19H38O2Si/c1-7-9-11-12-13-14-16-20-22(5,6)21-19(15-10-8-2)17-18(3)4/h18  
**InchiKey:** FHLFOJHWEBOUOH-UHFFFAOYSA-N  
**Formula:** C19H38O2Si  
**SMILES:** CCC#CC(CC(C)C)O[Si](C)(C)OCCCCCCCC  
**Mol. weight [g/mol]:** 326.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.25		Crippen Method
logp	5.910		Crippen Method
rinpol	1795.00		NIST Webbook

## Sources

**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=U347960&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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