

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

**Inchi:** InChI=1S/C16H32O2Si/c1-7-9-11-13-17-19(5,6)18-16(12-10-8-2)14-15(3)4/h15-16H,7-9,  
**InchiKey:** SZYVMTZJKMGDDV-UHFFFAOYSA-N  
**Formula:** C16H32O2Si  
**SMILES:** CCC#CC(CC(C)C)O[Si](C)(C)OCCCCC  
**Mol. weight [g/mol]:** 284.51

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.99		Crippen Method
logp	4.740		Crippen Method
rinpol	1503.00		NIST Webbook
rinpol	1503.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347957&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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