

# 2,7-Dimethyl-4-dimethyloctylsilyloxyoct-7-en-5-yne

**Inchi:** InChI=1S/C20H38OSi/c1-8-9-10-11-12-13-16-22(6,7)21-20(17-19(4)5)15-14-18(2)3/h19-  
**InchiKey:** LPBTZHXWCIOICP-UHFFFAOYSA-N  
**Formula:** C20H38OSi  
**SMILES:** C=C(C)C#CC(CC(C)C)O[Si](C)(C)CCCCCCCC  
**Mol. weight [g/mol]:** 322.60

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.85		Crippen Method
logp	6.563		Crippen Method
rinpol	1801.00		NIST Webbook
rinpol	1801.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299505&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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