

# 2-Diphenylethenylsilyloxybut-3-yne

**Inchi:** InChI=1S/C18H18OSi/c1-4-16(3)19-20(5-2,17-12-8-6-9-13-17)18-14-10-7-11-15-18/h1,5  
**InchiKey:** JZKROQWGQSWTDE-UHFFFAOYSA-N  
**Formula:** C18H18OSi  
**SMILES:** C#CC(C)O[Si](C=C)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 278.42

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.51		Crippen Method
logp	2.510		Crippen Method
rinpol	1809.00		NIST Webbook
rinpol	1809.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299559&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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