

# 3-Diphenylethenylsilyloxyhex-4-yne

**Inchi:** InChI=1S/C20H22OSi/c1-4-13-18(5-2)21-22(6-3,19-14-9-7-10-15-19)20-16-11-8-12-17-2  
**InchiKey:** BZGHOFUJMHTMNC-UHFFFAOYSA-N  
**Formula:** C20H22OSi  
**SMILES:** C=C[Si](OC(C#CC)CC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 306.47

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.34		Crippen Method
logp	3.290		Crippen Method
rinpol	1997.00		NIST Webbook
rinpol	1997.00		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=U299561&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## Legend

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

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