

# 1-Cyclohexyldimethylsilyloxytridec-2-yne

**Inchi:** InChI=1S/C21H40OSi/c1-4-5-6-7-8-9-10-11-12-13-17-20-22-23(2,3)21-18-15-14-16-19-2  
**InchiKey:** JJSJTODYRSABQC-UHFFFAOYSA-N  
**Formula:** C21H40OSi  
**SMILES:** CCCCCCCCCC#CCO[Si](C)(C)C1CCCCC1  
**Mol. weight [g/mol]:** 336.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.44		Crippen Method
logp	7.077		Crippen Method
rinpol	2253.00		NIST Webbook
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## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299575&Units=SI>

## Legend

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

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