

# 1-Tributylsilyloxytridec-2-yne

**Inchi:** InChI=1S/C25H50OSi/c1-5-9-13-14-15-16-17-18-19-20-21-22-26-27(23-10-6-2,24-11-7-3)  
**InchiKey:** VJRZXCNAVAKRKK-UHFFFAOYSA-N  
**Formula:** C<sub>25</sub>H<sub>50</sub>OSi  
**SMILES:** CCCCCCCCCC#CCO[Si](CCCC)(CCCC)CCCC  
**Mol. weight [g/mol]:** 394.75

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.22		Crippen Method
logp	8.883		Crippen Method
rinpol	2451.00		NIST Webbook
rinpol	2451.00		NIST Webbook

## 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=U299548&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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