

# 1-Octadecanol, tributylsilyl ether

**Inchi:** InChI=1S/C30H64OSi/c1-5-9-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-31-32(28-30)  
**InchiKey:** RTTSBNVCBYHODY-UHFFFAOYSA-N  
**Formula:** C30H64OSi  
**SMILES:** CCCCCCCCCCCCCCCCCCO[Si](CCCC)(CCCC)CCCC  
**Mol. weight [g/mol]:** 468.91

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.52		Crippen Method
logp	11.610		Crippen Method
rinpol	2890.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=R104955&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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