

# 8-Octadecenol, TMS

**Inchi:** InChI=1S/C21H44OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23(2,3)4/h  
**InchiKey:** AJAITAWHGCPJTR-BUHFOSPRSA-N  
**Formula:** C21H44OSi  
**SMILES:** CCCCCCCCC=CCCCCCCCO[Si](C)(C)C  
**Mol. weight [g/mol]:** 340.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.60		Crippen Method
logp	7.875		Crippen Method
rinsol	2129.00		NIST Webbook
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## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R166819&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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