

# 1,2-Tetradecanediol, DTBS

**Inchi:** InChI=1S/C22H46O2Si/c1-8-9-10-11-12-13-14-15-16-17-18-20-19-23-25(24-20,21(2,3)4)  
**InchiKey:** IODDGNJZXPADLS-UHFFFAOYSA-N  
**Formula:** C22H46O2Si  
**SMILES:** CCCCCCCCCCCC1CO[Si](C(C)(C)C)(C(C)(C)C)O1  
**Mol. weight [g/mol]:** 370.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.85		Crippen Method
logp	7.755		Crippen Method
rinpol	2225.00		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=R115247&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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