

# 1,4-Anhydroribitol, TMS

**Inchi:** InChI=1S/C14H34O4Si3/c1-19(2,3)16-11-12-14(18-21(7,8)9)13(10-15-12)17-20(4,5)6/h1  
**InchiKey:** HPYHSSSIJAXFKF-MGPQQGTHSA-N  
**Formula:** C14H34O4Si3  
**SMILES:** C[Si](C)(C)OCC1OCC(O[Si](C)(C)C)C1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 350.67

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.59		Crippen Method
logp	3.677		Crippen Method
rinpol	1546.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R74195&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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