

# Deoxyribopyranose, tris(trimethylsilyl) ether (isomer 1)

**Inchi:** InChI=1S/C14H34O4Si3/c1-19(2,3)16-12-10-14(18-21(7,8)9)15-11-13(12)17-20(4,5)6/h1  
**InchiKey:** YMWSWNUVQIBISA-UHFFFAOYSA-N  
**Formula:** C14H34O4Si3  
**SMILES:** C[Si](C)(C)OC1CC(O[Si](C)(C)C)C(O[Si](C)(C)C)CO1  
**Mol. weight [g/mol]:** 350.67

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.09		Crippen Method
logp	4.024		Crippen Method
rinpol	1487.30		NIST Webbook
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## Sources

**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=U380150&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## Legend

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

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