

# 5,6-Isopropylidene-L-ascorbic acid, bis(trimethylsilyl) ether

**Inchi:** InChI=1S/C15H28O6Si2/c1-15(2)17-9-10(19-15)11-12(20-22(3,4)5)13(14(16)18-11)21-2  
**InchiKey:** LXRRHOCBSINHAR-UHFFFAOYSA-N  
**Formula:** C15H28O6Si2  
**SMILES:** CC1(C)OCC(C2OC(=O)C(O[Si](C)(C)C)=C2O[Si](C)(C)C)O1  
**Mol. weight [g/mol]:** 360.55

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.12		Crippen Method
logp	2.978		Crippen Method
rinpol	1819.50		NIST Webbook
rinpol	1819.50		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352527&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## Legend

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

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<https://www.chemeo.com/cid/82-686-0/5-6-Isopropylidene-L-ascorbic-acid-bis-trimethylsilyl-ether.pdf>

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