

# «beta»-D(-)-Lyxose, pyranose, TMS

**Inchi:** InChI=1S/C17H42O5Si4/c1-23(2,3)19-14-13-18-17(22-26(10,11)12)16(21-25(7,8)9)15(14)  
**InchiKey:** KEOUSSOURMHEKN-QZWWFDLISA-N  
**Formula:** C17H42O5Si4  
**SMILES:** C[Si](C)(C)OC1COC(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 438.85

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.58		Crippen Method
logp	4.854		Crippen Method
rinpol	1680.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R441006&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  
**rinpol:** Non-polar retention indices

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