

# XYLOBIOSE (6TMS)-2

**Inchi:** InChI=1S/C28H66O9Si6/c1-38(2,3)31-21-23(25(35-41(10,11)12)22(19-29)33-39(4,5)6)3  
**InchiKey:** FNKUSCCBLBUZFF-FHUOLJJNSA-N  
**Formula:** C28H66O9Si6  
**SMILES:** C[Si](C)(C)OCC(OC1OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C  
**Mol. weight [g/mol]:** 715.33

## Physical Properties

Property code	Value	Unit	Source
log10ws	7.00		Crippen Method
logp	6.879		Crippen Method
rinpol	2424.10		NIST Webbook

## 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=R414841&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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/30-137-6/XYLOBIOSE-6TMS-2.pdf>

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