

# D(+)-Turanose, TMS

**Inchi:** InChI=1S/C36H86O11Si8/c1-48(2,3)38-25-28(37)31(33(45-53(16,17)18)30(43-51(10,11))  
**InchiKey:** SXVUULOQAIHSTD-IFFFQZKNSA-N  
**Formula:** C36H86O11Si8  
**SMILES:** C[Si](C)(C)OCC(=O)C(OC1OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 919.75

## Physical Properties

Property code	Value	Unit	Source
log10ws	9.26		Crippen Method
logp	9.321		Crippen Method
rinpol	2790.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=R441259&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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<https://www.chemeo.com/cid/42-140-9/D-Turanose-TMS.pdf>

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