

# D-(+)-Turanose, octakis(trimethylsilyl) ether

**Inchi:** InChI=1S/C36H86O11Si8/c1-48(2,3)38-26-28-30(43-51(10,11)12)32(45-53(16,17)18)33(54-56)19-27-29-31(42-44)34-36-35(41-47)37-25-24-23-22-21-20-19-18-17-16-15-14-13-12-11-10-9-8-7-6-5-4-3-2-1  
**InchiKey:** ZQSHHKRTYVNWEC-UHFFFAOYSA-N  
**Formula:** C36H86O11Si8  
**SMILES:** C[Si](C)(C)OCC1OC(OC2C(O[Si](C)(C)C)C(O[Si](C)(C)C)COC2(CO[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 919.75

## Physical Properties

Property code	Value	Unit	Source
log10ws	8.95		Crippen Method
logp	9.478		Crippen Method
rinpol	2693.10		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=U380084&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/37-762-5/D-Turanose-octakis-trimethylsilyl-ether.pdf>

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