

# D-(+)-Xylose, tetrakis(trimethylsilyl) ether, trimethylsilyloxime (isomer 2)

**Inchi:** InChI=1S/C20H51NO5Si5/c1-27(2,3)22-17-19(24-29(7,8)9)20(25-30(10,11)12)18(23-28)  
**InchiKey:** NJVTYWBFPZLKGN-UHFFFAOYSA-N  
**Formula:** C20H51NO5Si5  
**SMILES:** C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NO[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 526.05

## Physical Properties

Property code	Value	Unit	Source
log10ws	5.62		Crippen Method
logp	6.335		Crippen Method
rinpol	1745.30		NIST Webbook
rinpol	1745.30		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380389&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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