

# D-(-)-Ribose, tetrakis(trimethylsilyl) ether, benzyloxime (isomer 1)

**Inchi:** InChI=1S/C24H49NO5Si4/c1-31(2,3)27-20-23(29-33(7,8)9)24(30-34(10,11)12)22(28-32)  
**InchiKey:** ZWYHSLKDSHXBEI-UHFFFAOYSA-N  
**Formula:** C<sub>24</sub>H<sub>49</sub>NO<sub>5</sub>Si<sub>4</sub>  
**SMILES:** C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NOCc1ccccc1)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 543.99

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.40		Crippen Method
logp	6.701		Crippen Method
rinpol	2180.10		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380370&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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