

# L-(+)-Rhamnose, tetrakis(trimethylsilyl) ether, trimethylsilyloxime (isomer 1)

**Inchi:** InChI=1S/C21H53NO5Si5/c1-18(23-28(2,3)4)20(25-30(8,9)10)21(26-31(11,12)13)19(24-  
**InchiKey:** ZUYWEDLNBOREDE-UHFFFAOYSA-N  
**Formula:** C21H53NO5Si5  
**SMILES:** CC(O[Si](C)(C)C)C(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]:** 540.08

## Physical Properties

Property code	Value	Unit	Source
log10ws	5.09		Crippen Method
logp	6.724		Crippen Method
rinpol	1811.30		NIST Webbook
rinpol	1811.30		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=U380394&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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