

# L-(+)-Threose, tris(trimethylsilyl) ether, trimethylsilyloxime (isomer 2)

**Inchi:** InChI=1S/C16H41NO4Si4/c1-22(2,3)18-14-16(20-24(7,8)9)15(19-23(4,5)6)13-17-21-25(10,11,12)  
**InchiKey:** HMXNXISWLOINBS-UHFFFAOYSA-N  
**Formula:** C16H41NO4Si4  
**SMILES:** C[Si](C)(C)OCC(O[Si](C)(C)C)C(C=NO[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 423.84

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.55		Crippen Method
logp	5.115		Crippen Method
rinpol	1566.50		NIST Webbook
rinpol	1566.50		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=U380405&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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