

# D-(+)-Talose, pentakis(trimethylsilyl) ether, benzyloxime (isomer 2)

**Inchi:** InChI=1S/C28H59NO6Si5/c1-36(2,3)31-23-26(33-38(7,8)9)28(35-40(13,14)15)27(34-39)  
**InchiKey:** HTPNKYHYJRZYRL-UHFFFAOYSA-N  
**Formula:** C28H59NO6Si5  
**SMILES:** C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NOCc1ccccc1)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 646.20

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.48		Crippen Method
logp	7.921		Crippen Method
rinpol	2427.20		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380358&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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