

# D-(+)-Glucose, pentakis(trimethylsilyl) ether, trimethylsilyloxime (isomer 2)

**Inchi:** InChI=1S/C24H61NO6Si6/c1-32(2,3)26-20-22(28-34(7,8)9)24(30-36(13,14)15)23(29-35)  
**InchiKey:** VHAWQMKIXQYXHC-UHFFFAOYSA-N  
**Formula:** C<sub>24</sub>H<sub>61</sub>NO<sub>6</sub>Si<sub>6</sub>  
**SMILES:** C[Si](C)(C)OCC(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]:** 628.26

## Physical Properties

Property code	Value	Unit	Source
log10ws	6.70		Crippen Method
logp	7.556		Crippen Method
rinpol	1998.30		NIST Webbook
rinpol	1998.30		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=U380416&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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