

# Glucose, 2-deoxy, 1-MO, 4TMS, BP

**Inchi:** InChI=1S/C19H47NO5Si4/c1-21-20-15-14-17(23-27(5,6)7)19(25-29(11,12)13)18(24-28(8))  
**InchiKey:** UPSRIVHLCXAYRE-XSUDFNDASA-N  
**Formula:** C19H47NO5Si4  
**SMILES:** CON=CCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 481.92

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.09		Crippen Method
logp	5.520		Crippen Method
rinpol	1775.00		NIST Webbook
rinpol	1775.00		NIST Webbook

## Sources

**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=R577076&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/10-286-3/Glucose-2-deoxy-1-MO-4TMS-BP.pdf>

Generated by Cheméo on 2024-04-26 03:18:33.063080795 +0000 UTC m=+16390761.983658106.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.