

# «beta»-Glucopyranoside, 1-O-methyl, TMS

**Inchi:** InChI=1S/C19H46O6Si4/c1-20-19-18(25-29(11,12)13)17(24-28(8,9)10)16(23-27(5,6)7)15  
**InchiKey:** UIDVFSCIFIMDHO-UJWQCDCRSA-N  
**Formula:** C19H46O6Si4  
**SMILES:** COC1OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 482.91

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.55		Crippen Method
logp	4.869		Crippen Method
rinpol	1882.00		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=R634218&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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