

# (R)-2-butyl-D-Glc, TMS

**Inchi:** InChI=1S/C22H52O6Si4/c1-14-15-16-24-19(17-23)21(27-31(8,9)10)22(28-32(11,12)13)2  
**InchiKey:** HWFPIBHRTLDTCF-DXBBTUNJSA-N  
**Formula:** C22H52O6Si4  
**SMILES:** CCCCOC(C=O)C(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]:** 524.99

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.60		Crippen Method
logp	5.882		Crippen Method
rinpol	2086.00		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=R396322&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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