

**3'-Glucosyl-isomaltose:  
αD-Glcp(1->3)-αDGlc(1->6)-DGlc, oxime-TMS,  
Isomer # 2**

InChI: InChI=1S/C54H129NO16Si12/c1-72(2,3)57-39-42-46(65-77(16,17)18)49(61-54-52(70-82  
InChIKey: BELXNDVTTTPSCNY-OVLOVKAPSA-N

Formula: C54H129NO16Si12

SMILES: C[Si](C)(C)OCC1OC(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

Mol. weight [g/mol]: 1385.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	13.07		Crippen Method
logp	14.359		Crippen Method
rinpol	3620.00		NIST Webbook
rinpol	3620.00		NIST Webbook

## Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R588704&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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