

# Kojitriose: aD-Glcp(1->2)-aDGlcp(1->2)-DGlc, oxime-TMS, isomer # 1

**Inchi:** InChI=1S/C54H129NO16Si12/c1-72(2,3)56-38-42-46(65-77(16,17)18)49(62-54-52(70-82)  
**InchiKey:** BLHALGRZHMYZDQ-OVLOVKAPSA-N  
**Formula:** C54H129NO16Si12  
**SMILES:** C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NO[Si](C)(C)C)OC1C  
**Mol. weight [g/mol]:** 1385.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	13.07		Crippen Method
logp	14.359		Crippen Method
rinpol	3534.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R588868&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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