

# 6-Deoxygalactonic acid, 1,4-lactone, TMS

**Inchi:** InChI=1S/C15H34O5Si3/c1-11(18-21(2,3)4)12-13(19-22(5,6)7)14(15(16)17-12)20-23(8,9)  
**InchiKey:** JXJGXPUBTGYERO-DGKWRVCWSA-N  
**Formula:** C15H34O5Si3  
**SMILES:** CC(O[Si](C)(C)C)C1OC(=O)C(O[Si](C)(C)C)C1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 378.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.28		Crippen Method
logp	3.592		Crippen Method
rinpol	1696.00		NIST Webbook
rinpol	1696.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R101481&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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