

# Glyceofuran, TMS

**Inchi:** InChI=1S/C29H42O6Si3/c1-28(2,34-37(6,7)8)26-15-19-14-21-24(17-23(19)31-26)30-18-2  
**InchiKey:** VSBWPJKVLXYISE-PXJZQJOASA-N  
**Formula:** C29H42O6Si3  
**SMILES:** CC(C)(O[Si](C)(C)C)c1cc2cc3c(cc2o1)OCC1(O[Si](C)(C)C)c2ccc(O[Si](C)(C)C)cc2OC31  
**Mol. weight [g/mol]:** 570.90

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.85		Crippen Method
logp	8.306		Crippen Method
rinsol	3073.00		NIST Webbook
rinsol	3073.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=R299157&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinsol:** Non-polar retention indices

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<https://www.chemeo.com/cid/51-284-0/Glyceofuran-TMS.pdf>

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