

# Glutaconic acid, TMS # 1

**Inchi:** InChI=1S/C11H22O4Si2/c1-16(2,3)14-10(12)8-7-9-11(13)15-17(4,5)6/h7-8H,9H2,1-6H3  
**InchiKey:** XYCDBRYVUTZVCR-UHFFFAOYSA-N  
**Formula:** C11H22O4Si2  
**SMILES:** C[Si](C)(C)OC(=O)C=CCC(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 274.46

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.89		Crippen Method
logp	2.689		Crippen Method
rinpol	1418.00		NIST Webbook
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## Sources

**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=R400961&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/63-829-2/Glutaconic-acid-TMS-1.pdf>

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