

# Gallic acid, TBDMS

**Inchi:** InChI=1S/C31H62O5Si4/c1-28(2,3)37(13,14)33-24-21-23(27(32)36-40(19,20)31(10,11)1  
**InchiKey:** XQGQEPVIEKTGCX-UHFFFAOYSA-N  
**Formula:** C31H62O5Si4  
**SMILES:** CC(C)(C)[Si](C)(C)OC(=O)c1cc(O[Si](C)(C)C(C)(C)C)c(O[Si](C)(C)C(C)(C)C)c(O[Si](C)(C)C(C)(C)C)c(O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 627.16

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.65		Crippen Method
logp	11.001		Crippen Method
rinpol	2823.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R564302&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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