

# «gamma»-Tocopherol, trimethylsilyl ether

**Inchi:** InChI=1S/C31H56O2Si/c1-23(2)14-11-15-24(3)16-12-17-25(4)18-13-20-31(7)21-19-28-2  
**InchiKey:** PQZJQAFFNUIVLK-WBXFWKJNSA-N  
**Formula:** C31H56O2Si  
**SMILES:** Cc1c(O[Si](C)(C)C)cc2c(c1C)OC(C)(CCCC(C)CCCC(C)CCCC(C)C)CC2  
**Mol. weight [g/mol]:** 488.86

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.75		Crippen Method
logp	10.040		Crippen Method
rinpol	3003.00		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=R605488&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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<https://www.chemeo.com/cid/71-603-3/gamma-Tocopherol-trimethylsilyl-ether.pdf>

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