

# 22-Hydroxycholesterol, di-TMS

**Inchi:** InChI=1S/C33H62O2Si2/c1-23(2)12-17-31(35-37(9,10)11)24(3)28-15-16-29-27-14-13-25  
**InchiKey:** YCJOXUPPUMVNFF-RQCBSPJQSA-N  
**Formula:** C33H62O2Si2  
**SMILES:** CC(C)CCC(O[Si](C)(C)C)C(C)C1CCC2C3CC=C4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C  
**Mol. weight [g/mol]:** 547.02

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.64		Crippen Method
logp	10.078		Crippen Method
rinpol	3275.00		NIST Webbook

## 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=R11684&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

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<https://www.chemeo.com/cid/48-012-5/22-Hydroxycholesterol-di-TMS.pdf>

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