

# 4-Cholesten-27-ol-3-one, TMS

**Inchi:** InChI=1S/C33H60O2Si2/c1-24(23-34-36(5,6)7)12-11-13-25(2)29-16-17-30-28-15-14-26-  
**InchiKey:** MIENGBCSMFCJLX-XUZLNHGUSA-N  
**Formula:** C33H60O2Si2  
**SMILES:** CC(CCCC(C)C1CCC2C3CCC4=CC(O[Si](C)(C)C)=CCC4(C)C3CCC12C)CO[Si](C)(C)C  
**Mol. weight [g/mol]:** 545.00

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.76		Crippen Method
logp	10.205		Crippen Method
rinpol	3550.00		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=R177394&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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