

# 20«alpha»-Hydroxy-4-cholesten-3-one, TMS

**Inchi:** InChI=1S/C30H52O2Si/c1-21(2)10-9-17-30(5,32-33(6,7)8)27-14-13-25-24-12-11-22-20-2  
**InchiKey:** BYOJXQXDLXLDKY-LWNFXBRBSA-N  
**Formula:** C30H52O2Si  
**SMILES:** CC(C)CCCC(C)(O[Si](C)(C)C)C1CCC2C3CCC4=CC(=O)CCC4(C)C3CCC21C  
**Mol. weight [g/mol]:** 472.82

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.65		Crippen Method
logp	8.571		Crippen Method
rinpol	3370.00		NIST Webbook
rinpol	3370.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R11648&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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