

# 5«alpha»-cholestan-3«beta»,25-diol, TMS

**Inchi:** InChI=1S/C33H64O2Si2/c1-24(13-12-20-31(2,3)35-37(9,10)11)28-16-17-29-27-15-14-25  
**InchiKey:** NJFJTWQCYGPGKC-ZOWPKFBCSA-N  
**Formula:** C33H64O2Si2  
**SMILES:** CC(CCCC(C)(C)O[Si](C)(C)C)C1CCC2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C  
**Mol. weight [g/mol]:** 549.03

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.78		Crippen Method
logp	10.302		Crippen Method
rinpol	3409.00		NIST Webbook
rinpol	3411.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R280034&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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