

# 5«beta»-cholestane, 3«alpha»,7«beta»,12«alpha»-trihydroxy, TMS

**Inchi:** InChI=1S/C36H72O3Si3/c1-25(2)16-15-17-26(3)29-18-19-30-34-31(24-33(36(29,30)5)39  
**InchiKey:** YKRYUGIYGGLKAS-RFLRMLOTSA-N  
**Formula:** C36H72O3Si3  
**SMILES:** CC(C)CCCC(C)C1CCC2C3C(O[Si](C)(C)C)CC4CC(O[Si](C)(C)C)CCC4(C)C3CC(O[Si](C)(C)C)C1  
**Mol. weight [g/mol]:** 637.21

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.05		Crippen Method
logp	10.988		Crippen Method
rinpol	3300.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=R493913&Units=SI>

## Legend

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

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