

# 4-Cholesten-3-one, oxime, TMS # 1

**Inchi:** InChI=1S/C30H53NOSi/c1-21(2)10-9-11-22(3)26-14-15-27-25-13-12-23-20-24(31-32-33)25-13-12-23-20-24(31-32-33)  
**InchiKey:** LOBRXLLSZXTIHV-QFMPWRQOSA-N  
**Formula:** C30H53NOSi  
**SMILES:** CC(C)CCCC(C)C1CCC2C3CCC4=CC(=NO[Si](C)(C)C)CCC4(C)C3CCC12C  
**Mol. weight [g/mol]:** 471.83

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.17		Crippen Method
logp	9.235		Crippen Method
rinpol	3278.00		NIST Webbook
rinpol	3278.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R215708&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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