

# 24-Methyl-4-cholesten-3-one, oxime, TMS # 1

**Inchi:** InChI=1S/C31H55NOSi/c1-21(2)22(3)10-11-23(4)27-14-15-28-26-13-12-24-20-25(32-33)29-30  
**InchiKey:** BAYSVJISKLMRMP-WGPBWIAQSA-N  
**Formula:** C31H55NOSi  
**SMILES:** CC(C)C(C)CCC(C)C1CCC2C3CCC4=CC(=NO[Si](C)(C)C)CCC4(C)C3CCC12C  
**Mol. weight [g/mol]:** 485.86

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.35		Crippen Method
logp	9.481		Crippen Method
rinpol	3370.00		NIST Webbook
rinpol	3370.00		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=R215684&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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