

# 5-Cholesten-3-«beta»,27-diol-17,22-dione, TMS

**Inchi:** InChI=1S/C39H74O4Si4/c1-28(17-20-35(42-46(11,12)13)29(2)27-40-44(5,6)7)32-18-19-3  
**InchiKey:** FVZLXJKNOFHPED-RCWLVPAYSA-N  
**Formula:** C39H74O4Si4  
**SMILES:** CC(CO[Si](C)(C)C)=C(CCC(C)C1CCC2C3=C(O[Si](C)(C)C)C=C4CC(O[Si](C)(C)C)CCC  
**Mol. weight [g/mol]:** 719.34

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.49		Crippen Method
logp	12.278		Crippen Method
rinpol	3795.00		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=R177532&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/52-801-4/5-Cholesten-3-beta-27-diol-17-22-dione-TMS.pdf>

Generated by Cheméo on 2024-04-26 04:53:23.589933366 +0000 UTC m=+16396452.510510681.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.