

# (24R)-24-ethyl-5«alpha»-cholestan-3«beta»,25-diol-TMS

**TMS**

InChI=1S/C35H68O2Si2/c1-13-26(33(3,4)37-39(10,11)12)15-14-25(2)30-18-19-31-29-17

**InchiKey:**

UOSVEKODJZUIKV-RJOSFNPHSA-N

**Formula:**

C35H68O2Si2

**SMILES:**

CCC(CCC(C)C1CCC2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C)C(C)(C)O[Si](C)(C)C

**Mol. weight [g/mol]:**

577.08

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.38		Crippen Method
logp	10.938		Crippen Method
rinpol	3563.00		NIST Webbook
rinpol	3567.00		NIST Webbook

## Sources

**NIST Webbook:**

<http://webbook.nist.gov/cgi/cbook.cgi?ID=R279673&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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