

# 5-«beta»-Cholestan-3-«beta»,7-«alpha»,12-«alpha»-triol-TMS

**TMS**

**InchiKey:**

InChI=1S/C36H72O3Si3/c1-25(2)16-15-17-26(3)29-18-19-30-34-31(24-33(36(29,30)5)39

YKRYUGIYGGLKAS-MRDZOKLWSA-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	3138.00		NIST Webbook
rinpol	3138.00		NIST Webbook

## Sources

**Crippen Method:**

[https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

**NIST Webbook:**

<http://webbook.nist.gov/cgi/cbook.cgi?ID=R390111&Units=SI>

**Crippen Method:**

<http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## 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.cheméo.com/cid/29-886-7/5-beta-Cholestan-3-beta-7-alpha-12-alpha-triol-TMS.pdf>

Generated by Cheméo on 2024-04-23 14:05:12.100396324 +0000 UTC m=+16170361.020973652.

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