

# Silane, (9,19-cyclo-9«beta»-lanost-24-en-3«beta»-yloxy)tr

Other names:

Trimethylsilyloxycycloartenol

Silane, [(3«beta»)-9,19-cyclolanost-24-en-3-yloxy]trimethyl-

Cycloartenol, TMS

9,19-Cyclolanost-24-en-3-ol, (3«beta»)-, tms derivative

**Inchi:** InChI=1S/C33H58OSi/c1-23(2)12-11-13-24(3)25-16-18-31(7)27-15-14-26-29(4,5)28(34-3

**InchiKey:** XFTNKWBWGDTMQL-ZKLROVPLSA-N

**Formula:** C33H58OSi

**SMILES:** CC(C)=CCCC(C)C1CCC2(C)C3CCC4C(C)(C)C(O[Si](C)(C)C)CCC45CC35CCC12C

**Mol. weight [g/mol]:** 498.90

**CAS:** 17608-55-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.04		Crippen Method
logp	10.028		Crippen Method
rinpol	3425.00		NIST Webbook
rinpol	3425.00		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=C17608558&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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