

# Silane, trimethyl[(3,7,11-trimethyl-2,6,10-dodecatrienyl)oxy]

Other names:

3,7,11-Trimethyl-2,6,10-dodecatrienyl trimethylsilyl ether

Farnesol, trimethylsilyl ether

(2E,6E)-3,7,11-Trimethyl-2,6,10-dodecatrienyl trimethylsilyl ether

Farnesol, tms derivative

**Inchi:** InChI=1S/C18H34OSi/c1-16(2)10-8-11-17(3)12-9-13-18(4)14-15-19-20(5,6)7/h10,12,14H

**InchiKey:** WMPDMQCCFFSRIM-NXGXIAAHSA-N

**Formula:** C18H34OSi

**SMILES:** CC(C)=CCCC(C)=CCCC(C)=CCO[Si](C)(C)C

**Mol. weight [g/mol]:** 294.55

**CAS:** 57305-02-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.06		Crippen Method
logp	6.257		Crippen Method
rinpol	1800.20		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=C57305029&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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