

# Silane, (dotriacontyloxy)trimethyl-

**Other names:** Dotriacontoxy--trimethylsilane  
1-(Trimethylsilyloxy)dotriacontane  
Dotriacontane, 1-trimethylsilyloxy-  
(Dotriacontyloxy)trimethylsilane  
1-Dotriacontanol, trimethylsilyl ether  
Dotriacontyl trimethylsilyl ether

**Inchi:** InChI=1S/C35H74OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26

**InchiKey:** HIWCEFZYFDRAAK-UHFFFAOYSA-N

**Formula:** C35H74OSi

**SMILES:** CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)C

**Mol. weight [g/mol]:** 539.05

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.61		Crippen Method
logp	13.561		Crippen Method
rinpol	3529.90		NIST Webbook

## Sources

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

**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=U351847&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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