

# Silane, diethylhexadecyloxytetradecyloxy-

**Inchi:** InChI=1S/C34H72O2Si/c1-5-9-11-13-15-17-19-21-22-24-26-28-30-32-34-36-37(7-3,8-4)3  
**InchiKey:** YRNNTQDXMPIUAK-UHFFFAOYSA-N  
**Formula:** C34H72O2Si  
**SMILES:** CCCCCCCCCCCCCCO[Si](CC)(CC)OCCCCCCCCCCCCC  
**Mol. weight [g/mol]:** 541.02

## Physical Properties

Property code	Value	Unit	Source
log10ws	-10.86		Crippen Method
logp	12.684		Crippen Method
rinpol	3358.00		NIST Webbook
rinpol	3358.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363973&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

Latest version available from:

<https://www.cheméo.com/cid/98-894-2/Silane-diethylhexadecyloxytetradecyloxy.pdf>

Generated by Cheméo on 2024-04-25 15:42:17.006593397 +0000 UTC m=+16348985.927170713.

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