

# Silane, dimethyloctyloxyoctadecyloxy-

**Inchi:** InChI=1S/C28H60O2Si/c1-5-7-9-11-13-14-15-16-17-18-19-20-21-22-24-26-28-30-31(3,4)  
**InchiKey:** RZYFGZJCRKIYRN-UHFFFAOYSA-N  
**Formula:** C28H60O2Si  
**SMILES:** CCCCCCCCCCCCCCCCCO[Si](C)(C)OCCCCCCCC  
**Mol. weight [g/mol]:** 456.86

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.35		Crippen Method
logp	10.343		Crippen Method
rinpol	2805.00		NIST Webbook

## Sources

**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=U346755&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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.chemeo.com/cid/39-071-0/Silane-dimethyloctyloxyoctadecyloxy.pdf>

Generated by Cheméo on 2024-04-26 15:58:49.31152325 +0000 UTC m=+16436378.232100562.

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