

# Silane, diethyldecyloxyhexadecyloxy-

**Inchi:** InChI=1S/C30H64O2Si/c1-5-9-11-13-15-17-18-19-20-21-22-24-26-28-30-32-33(7-3,8-4)3  
**InchiKey:** KVTBSFWGPKWPPE-UHFFFAOYSA-N  
**Formula:** C30H64O2Si  
**SMILES:** CCCCCCCCCCCCCCO[Si](CC)(CC)OCCCCCCCCC  
**Mol. weight [g/mol]:** 484.91

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.19		Crippen Method
logp	11.124		Crippen Method
rinpol	2957.00		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363331&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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