

# Silane, diphenylhexyloxy(non-3-en-1-yloxy)-

**Inchi:** InChI=1S/C27H40O2Si/c1-3-5-7-9-10-11-19-25-29-30(26-20-14-12-15-21-26,27-22-16-18)Si  
**InchiKey:** BWKIERCDDQMQUAT-ZHACJKMWSA-N  
**Formula:** C27H40O2Si  
**SMILES:** CCCCCC=CCCO[Si](OCCCCC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 424.69

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.95		Crippen Method
logp	6.383		Crippen Method
rinpol	2678.00		NIST Webbook
rinpol	2678.00		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=U367798&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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