

# Silane, diphenyl(5-methoxy-3-methylpentylloxy)nonyloxy-

**Inchi:** InChI=1S/C28H44O3Si/c1-4-5-6-7-8-9-16-23-30-32(27-17-12-10-13-18-27,28-19-14-11-10)/1-2  
**InchiKey:** CSNXQHNGBVRGGA-UHFFFAOYSA-N  
**Formula:** C<sub>28</sub>H<sub>44</sub>O<sub>3</sub>Si  
**SMILES:** CCCCCCCCCO[Si](OCCC(C)CCOC)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 456.73

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.36		Crippen Method
logp	6.090		Crippen Method
rinpol	2832.00		NIST Webbook
rinpol	2832.00		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=U367602&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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