

# Silane, diphenyl(2-methylpent-3-yloxy)octyloxy-

**Inchi:** InChI=1S/C26H40O2Si/c1-5-7-8-9-10-17-22-27-29(24-18-13-11-14-19-24,25-20-15-12-10)/1-2  
**InchiKey:** ODXROBFLDHRGHX-UHFFFAOYSA-N  
**Formula:** C<sub>26</sub>H<sub>40</sub>O<sub>2</sub>Si  
**SMILES:** CCCCCCO[Si](OC(CC)C(C)C)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 412.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.55		Crippen Method
logp	6.071		Crippen Method
rinpol	2476.00		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=U367561&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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