

# Silane, diphenyl(2,4-dimethylpent-3-yloxy)heptyloxy-

**Inchi:** InChI=1S/C26H40O2Si/c1-6-7-8-9-16-21-27-29(24-17-12-10-13-18-24,25-19-14-11-15-20)  
**InchiKey:** KHAZDONZDIKSCJ-UHFFFAOYSA-N  
**Formula:** C<sub>26</sub>H<sub>40</sub>O<sub>2</sub>Si  
**SMILES:** CCCCCCO[Si](OC(C(C)C)C(C)C)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 412.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.31		Crippen Method
logp	5.927		Crippen Method
rinpol	2436.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=U367531&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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