

# Silane, diphenyl(3-methylpentyloxy)octyloxy-

**Inchi:** InChI=1S/C26H40O2Si/c1-4-6-7-8-9-16-22-27-29(25-17-12-10-13-18-25,26-19-14-11-15)  
**InchiKey:** FEKWPYPJXHZWTP-UHFFFAOYSA-N  
**Formula:** C26H40O2Si  
**SMILES:** CCCCCCO[Si](OCCC(C)CC)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 412.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.44		Crippen Method
logp	6.073		Crippen Method
rinpol	2553.00		NIST Webbook
rinpol	2553.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=U367785&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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