

# Silane, diphenylhexyloxy(2-methylpent-3-yloxy)-

**Inchi:** InChI=1S/C24H36O2Si/c1-5-7-8-15-20-25-27(22-16-11-9-12-17-22,23-18-13-10-14-19-20-24)/Si1  
**InchiKey:** SJNQCLMRLORHST-UHFFFAOYSA-N  
**Formula:** C24H36O2Si  
**SMILES:** CCCCCCO[Si](OC(CC)C(C)C)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 384.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.71		Crippen Method
logp	5.291		Crippen Method
rinpol	2284.00		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=U367559&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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