

# Silane, diphenylpentylloxy(trans-4-methylcyclohexyloxy)-

**Inchi:** InChI=1S/C24H34O2Si/c1-3-4-11-20-25-27(23-12-7-5-8-13-23,24-14-9-6-10-15-24)26-22  
**InchiKey:** XDPRVKDOKBSTEQ-UHFFFAOYSA-N  
**Formula:** C24H34O2Si  
**SMILES:** CCCCCO[Si](OC1CCC(C)CC1)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 382.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.60		Crippen Method
logp	5.045		Crippen Method
rinpol	2441.00		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=U367757&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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