

# Silane, diphenyl(8-chlorooctyloxy)isobutoxy-

**Inchi:** InChI=1S/C24H35ClO2Si/c1-22(2)21-27-28(23-15-9-7-10-16-23,24-17-11-8-12-18-24)26  
**InchiKey:** JSOYZNNCXBCKKK-UHFFFAOYSA-N  
**Formula:** C24H35ClO2Si  
**SMILES:** CC(C)CO[Si](OCCCCCCCCCl)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 419.07

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.75		Crippen Method
logp	5.512		Crippen Method
rinpol	2666.00		NIST Webbook
rinpol	2666.00		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=U367514&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/120-184-4/Silane-diphenyl-8-chlorooctyloxy-isobutoxy.pdf>

Generated by Cheméo on 2024-04-29 15:56:24.647106248 +0000 UTC m=+16695433.567683558.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.