

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

**Inchi:** InChI=1S/C23H34O2Si/c1-18(2)17-24-26(21-13-9-7-10-14-21,22-15-11-8-12-16-22)25-2  
**InchiKey:** OCADMEYPIVCEIZ-UHFFFAOYSA-N  
**Formula:** C23H34O2Si  
**SMILES:** CC(C)CO[Si](OC(C(C)C)C(C)C)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 370.60

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.81		Crippen Method
logp	4.613		Crippen Method
rinpol	2113.00		NIST Webbook
rinpol	2113.00		NIST Webbook

## Sources

**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=U367526&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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