

# Silane, diphenyl(2-decyloxy)isobutoxy-

**Inchi:** InChI=1S/C26H40O2Si/c1-5-6-7-8-9-12-17-24(4)28-29(27-22-23(2)3,25-18-13-10-14-19-  
**InchiKey:** YYFZKSVYUAIOAV-UHFFFAOYSA-N  
**Formula:** C26H40O2Si  
**SMILES:** CCCCCCCC(C)O[Si](OCC(C)C)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 412.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.55		Crippen Method
logp	6.071		Crippen Method
rinsol	2448.00		NIST Webbook
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## 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=U367581&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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<https://www.chemeo.com/cid/24-101-2/Silane-diphenyl-2-decyloxy-isobutoxy.pdf>

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