

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

**Inchi:** InChI=1S/C22H32O2Si/c1-6-22(19(4)5)24-25(23-17-18(2)3,20-13-9-7-10-14-20)21-15-11  
**InchiKey:** ZEJGLOHJVHTSTJ-UHFFFAOYSA-N  
**Formula:** C22H32O2Si  
**SMILES:** CCC(O[Si](OCC(C)C)(c1cccc1)c1cccc1)C(C)C  
**Mol. weight [g/mol]:** 356.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	-11.63		Crippen Method
logp	4.367		Crippen Method
rinpol	2054.00		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=U367555&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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