

# Silane, diphenyldodecyloxy(trans-4-methylcyclohexyloxy

**Inchi:** InChI=1S/C31H48O2Si/c1-3-4-5-6-7-8-9-10-11-18-27-32-34(30-19-14-12-15-20-30,31-21-22-23-24-25-26-28-29)/OC1CCC(C)CC1

**InchiKey:** FCRDGRDCKMOHEC-UHFFFAOYSA-N

**Formula:** C<sub>31</sub>H<sub>48</sub>O<sub>2</sub>Si

**SMILES:** CCCCCCCCCCCCOC[Si](OC1CCC(C)CC1)(c1cccc1)c1cccc1

**Mol. weight [g/mol]:** 480.80

## Physical Properties

Property code	Value	Unit	Source
log10ws	-15.53		Crippen Method
logp	7.776		Crippen Method
rinpol	3125.00		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=U367764&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

**rinpol:** Non-polar retention indices

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