

# Silane, diphenyldodecyloxy(2-ethoxyethoxy)-

**Inchi:** InChI=1S/C28H44O3Si/c1-3-5-6-7-8-9-10-11-12-19-24-30-32(31-26-25-29-4-2,27-20-15-16-17-18)/Si  
**InchiKey:** ZMAVZNIKUMQP-UHFFFAOYSA-N  
**Formula:** C<sub>28</sub>H<sub>44</sub>O<sub>3</sub>Si  
**SMILES:** CCCCCCCCCCO[Si](OCCOCC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 456.73

## Physical Properties

Property code	Value	Unit	Source
log10ws	-13.60		Crippen Method
logp	6.234		Crippen Method
rinpol	2884.00		NIST Webbook
rinpol	2884.00		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=U367669&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

Latest version available from:

<https://www.chemeo.com/cid/96-584-8/Silane-diphenyldodecyloxy-2-ethoxyethoxy.pdf>

Generated by Cheméo on 2024-04-25 18:08:24.564332297 +0000 UTC m=+16357753.484909610.

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