

# Silane, diethylhexyloxy(2-phenylethoxy)-

**Inchi:** InChI=1S/C18H32O2Si/c1-4-7-8-12-16-19-21(5-2,6-3)20-17-15-18-13-10-9-11-14-18/h9-  
**InchiKey:** HBJTWQFOAFJYQJ-UHFFFAOYSA-N  
**Formula:** C18H32O2Si  
**SMILES:** CCCCCCO[Si](CC)(CC)OCCc1ccccc1  
**Mol. weight [g/mol]:** 308.53

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.27		Crippen Method
logp	5.325		Crippen Method
rinpol	1934.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=U363165&Units=SI>

## 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/29-294-4/Silane-diethylhexyloxy-2-phenylethoxy.pdf>

Generated by Cheméo on 2024-04-23 16:48:20.358585751 +0000 UTC m=+16180149.279163064.

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