

# Silane, diethylhexyloxy(3-phenylpropoxy)-

**Inchi:** InChI=1S/C19H34O2Si/c1-4-7-8-12-17-20-22(5-2,6-3)21-18-13-16-19-14-10-9-11-15-19/  
**InchiKey:** NCQLVNQOPCKICN-UHFFFAOYSA-N  
**Formula:** C19H34O2Si  
**SMILES:** CCCCCCO[Si](CC)(CC)OCCc1ccccc1  
**Mol. weight [g/mol]:** 322.56

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.69		Crippen Method
logp	5.715		Crippen Method
rinpol	2040.00		NIST Webbook
rinpol	2040.00		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=U363147&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## Legend

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

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<https://www.chemeo.com/cid/23-819-7/Silane-diethylhexyloxy-3-phenylpropoxy.pdf>

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