

# Silane, dimethyl(3-phenylprop-2-enyloxy)butoxy-

**Inchi:** InChI=1S/C15H24O2Si/c1-4-5-13-16-18(2,3)17-14-9-12-15-10-7-6-8-11-15/h6-12H,4-5,1  
**InchiKey:** VILHOOHOMSBTLI-FMIVXFBMSA-N  
**Formula:** C15H24O2Si  
**SMILES:** CCCCCO[Si](C)(C)OCC=Cc1ccccc1  
**Mol. weight [g/mol]:** 264.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.03		Crippen Method
logp	4.235		Crippen Method
rinpol	1746.00		NIST Webbook
rinpol	1746.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347982&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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