

# Silane, diethylbutoxy(2-phenylethoxy)-

**Inchi:** InChI=1S/C16H28O2Si/c1-4-7-14-17-19(5-2,6-3)18-15-13-16-11-9-8-10-12-16/h8-12H,4-  
**InchiKey:** WSKMDTXBNZQHAB-UHFFFAOYSA-N  
**Formula:** C16H28O2Si  
**SMILES:** CCCCCO[Si](CC)(CC)OCCc1ccccc1  
**Mol. weight [g/mol]:** 280.48

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.43		Crippen Method
logp	4.544		Crippen Method
rinpol	1738.00		NIST Webbook
rinpol	1738.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363162&Units=SI>  
**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)

## 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/59-984-5/Silane-diethylbutoxy-2-phenylethoxy.pdf>

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