

# Silane, methylvinyl(phenoxy)pentyl-oxo-

**Inchi:** InChI=1S/C14H22O2Si/c1-4-6-10-13-15-17(3,5-2)16-14-11-8-7-9-12-14/h5,7-9,11-12H,2  
**InchiKey:** AGSXJDMTRKTHRS-UHFFFAOYSA-N  
**Formula:** C14H22O2Si  
**SMILES:** C=C[Si](C)(OCCCC)Oc1ccccc1  
**Mol. weight [g/mol]:** 250.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.18		Crippen Method
logp	4.069		Crippen Method
rinpol	1526.00		NIST Webbook
rinpol	1526.00		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=U416929&Units=SI>

## Legend

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

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