

# Silane, diethyl(2,5-dimethylphenoxy)isohexyloxy-

**Inchi:** InChI=1S/C18H32O2Si/c1-7-21(8-2,19-13-9-10-15(3)4)20-18-14-16(5)11-12-17(18)6/h11-18  
**InchiKey:** KXAKCXDSDJIMPE-UHFFFAOYSA-N  
**Formula:** C18H32O2Si  
**SMILES:** CC[Si](CC)(OCCCC(C)C)Oc1cc(C)ccc1C  
**Mol. weight [g/mol]:** 308.53

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.79		Crippen Method
logp	5.617		Crippen Method
rinpol	1862.00		NIST Webbook
rinpol	1862.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363259&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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