

# Silane, dimethyl(3-ethylphenoxy)octyloxy-

**Inchi:** InChI=1S/C18H32O2Si/c1-5-7-8-9-10-11-15-19-21(3,4)20-18-14-12-13-17(6-2)16-18/h12  
**InchiKey:** CPNXDJOVCBBIKZ-UHFFFAOYSA-N  
**Formula:** C18H32O2Si  
**SMILES:** CCCCCCO[Si](C)(C)Oc1cccc(CC)c1  
**Mol. weight [g/mol]:** 308.53

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.88		Crippen Method
logp	5.707		Crippen Method
rinpol	1911.00		NIST Webbook
rinpol	1911.00		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=U347467&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## 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/68-977-3/Silane-dimethyl-3-ethylphenoxy-octyloxy.pdf>

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