

# Silane, diethyl(3,5-dimethylphenoxy)pentadecyloxy-

**Inchi:** InChI=1S/C27H50O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-20-21-28-30(7-2,8-3)29-2  
**InchiKey:** YWZROCPWAMXMDZ-UHFFFAOYSA-N  
**Formula:** C27H50O2Si  
**SMILES:** CCCCCCCCCCCCCCO[Si](CC)(CC)Oc1cc(C)cc(C)c1  
**Mol. weight [g/mol]:** 434.77

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.80		Crippen Method
logp	9.272		Crippen Method
rinpol	2731.00		NIST Webbook
rinpol	2731.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363373&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

Latest version available from:

<https://www.chemeo.com/cid/26-158-8/Silane-diethyl-3-5-dimethylphenoxy-pentadecyloxy.pdf>

Generated by Cheméo on 2024-04-19 20:58:28.750598025 +0000 UTC m=+15849557.671175346.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.