

# Silane, diethyl(2,6-dimethoxyphenoxy)tridecyloxy-

**Inchi:** InChI=1S/C25H46O4Si/c1-6-9-10-11-12-13-14-15-16-17-18-22-28-30(7-2,8-3)29-25-23(2  
**InchiKey:** AYPPPMUGIBJANI-UHFFFAOYSA-N  
**Formula:** C25H46O4Si  
**SMILES:** CCCCCCCCCCCCCO[Si](CC)(CC)Oc1c(OC)cccc1OC  
**Mol. weight [g/mol]:** 438.72

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -6.25   |      | Crippen Method |
| logp          | 7.892   |      | Crippen Method |
| rinpol        | 2746.00 |      | NIST Webbook   |
| rinpol        | 2746.00 |      | 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=U363249&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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