

# Silane, dimethyl(2,6-dimethoxyphenoxy)heptyloxy-

**Inchi:** InChI=1S/C17H30O4Si/c1-6-7-8-9-10-14-20-22(4,5)21-17-15(18-2)12-11-13-16(17)19-3/  
**InchiKey:** XZFDABZJANHPNK-UHFFFAOYSA-N  
**Formula:** C17H30O4Si  
**SMILES:** CCCCCCO[Si](C)(C)Oc1c(OC)cccc1OC  
**Mol. weight [g/mol]:** 326.50

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.90   |      | Crippen Method |
| logp          | 4.771   |      | Crippen Method |
| rinpol        | 2001.00 |      | NIST Webbook   |
| rinpol        | 2001.00 |      | 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=U347129&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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