

# Silane, dimethyl(2-chloro-5-methylphenoxy)dodecyloxy-

**Inchi:** InChI=1S/C21H37ClO2Si/c1-5-6-7-8-9-10-11-12-13-14-17-23-25(3,4)24-21-18-19(2)15-1  
**InchiKey:** BLYQFUDCRLPIGF-UHFFFAOYSA-N  
**Formula:** C21H37ClO2Si  
**SMILES:** CCCCCCCCCCO[Si](C)(C)Oc1cc(C)ccc1Cl  
**Mol. weight [g/mol]:** 385.06

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -5.91   |      | Crippen Method |
| logp          | 7.667   |      | Crippen Method |
| rinpol        | 2379.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347553&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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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