

# Silane, dimethyl(4-chlorobenzoyloxy)tridecyloxy-

**Inchi:** InChI=1S/C22H39ClO2Si/c1-4-5-6-7-8-9-10-11-12-13-14-19-24-26(2,3)25-20-21-15-17-2  
**InchiKey:** HOYWBCOOSRHBLD-UHFFFAOYSA-N  
**Formula:** C22H39ClO2Si  
**SMILES:** CCCCCCCCCCCCCO[Si](C)(C)OCc1ccc(Cl)cc1  
**Mol. weight [g/mol]:** 399.08

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -6.12   |      | Crippen Method |
| logp          | 7.886   |      | Crippen Method |
| rinsol        | 2548.00 |      | NIST Webbook   |
| rinsol        | 2548.00 |      | 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=U347001&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  
**rinsol:** Non-polar retention indices

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