# 1-Chloro-2-dimethyl(dodecyl)silyloxybenzene

**Inchi:** InChI=1S/C20H35ClOSi/c1-4-5-6-7-8-9-10-11-12-15-18-23(2,3)22-20-17-14-13-16-19(20
**InchiKey:** XPRDUGOJSQRYPG-UHFFFAOYSA-N
**Formula:** C20H35ClOSi
**SMILES:** CCCCCCCCCCCC[Si](C)(C)Oc1ccccc1Cl
**Mol. weight [g/mol]:** 355.03

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -5.77 | | Crippen Method |
| logp | 7.845 | | Crippen Method |
| rinpol | 2285.00 | | NIST Webbook |
| rinpol | 2285.00 | | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U299088&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** 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