

# 1-Chloro-4-diisopropyloctylsilyloxybenzene

**Inchi:** InChI=1S/C20H35ClOSi/c1-6-7-8-9-10-11-16-23(17(2)3,18(4)5)22-20-14-12-19(21)13-15  
**InchiKey:** APXGFJYHIZFLFL-UHFFFAOYSA-N  
**Formula:** C20H35ClOSi  
**SMILES:** CCCCCCCC[Si](Oc1ccc(Cl)cc1)(C(C)C)C(C)C  
**Mol. weight [g/mol]:** 355.03

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -5.77   |      | Crippen Method |
| logp          | 7.845   |      | Crippen Method |
| rinpol        | 2226.00 |      | NIST Webbook   |
| rinpol        | 2226.00 |      | 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=U307850&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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