

# Silane, diphenylpentyloxy(1,1,1-trifluoroprop-2-yloxy)-

**Inchi:** InChI=1S/C20H25F3O2Si/c1-3-4-11-16-24-26(18-12-7-5-8-13-18,19-14-9-6-10-15-19)25  
**InchiKey:** MZIRFARIWHDRAA-UHFFFAOYSA-N  
**Formula:** C20H25F3O2Si  
**SMILES:** CCCCCO[Si](OC(C)C(F)(F)F)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 382.49

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -11.94  |      | Crippen Method |
| logp          | 4.417   |      | Crippen Method |
| rinpol        | 1901.00 |      | NIST Webbook   |

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368090&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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