

# Silane, diphenyl(but-3-en-1-yloxy)pentyl-oxo-

**Inchi:** InChI=1S/C21H28O2Si/c1-3-5-13-19-23-24(22-18-6-4-2,20-14-9-7-10-15-20)21-16-11-8-  
**InchiKey:** ISQWUSOBVHFNIZ-UHFFFAOYSA-N  
**Formula:** C<sub>21</sub>H<sub>28</sub>O<sub>2</sub>Si  
**SMILES:** C=CCCO[Si](OCCCC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 340.53

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -11.44  |      | Crippen Method |
| logp          | 4.042   |      | Crippen Method |
| rinpol        | 2128.00 |      | NIST Webbook   |
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## 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=U367840&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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