

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

**Inchi:** InChI=1S/C23H32O2Si/c1-3-5-7-8-15-21-25-26(24-20-6-4-2,22-16-11-9-12-17-22)23-18-  
**InchiKey:** QSLLZKUCJBEQKK-UHFFFAOYSA-N  
**Formula:** C23H32O2Si  
**SMILES:** C=CCCO[Si](OCCCCCCC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 368.58

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -12.27  |      | Crippen Method |
| logp          | 4.823   |      | Crippen Method |
| rinpol        | 2316.00 |      | 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=U367843&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  
**rinpol:** Non-polar retention indices

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