

# Silane, diphenyl(2-methoxyethoxy)octyloxy-

**Inchi:** InChI=1S/C23H34O3Si/c1-3-4-5-6-7-14-19-25-27(26-21-20-24-2,22-15-10-8-11-16-22)23  
**InchiKey:** XKUFGYPKLXRRCF-UHFFFAOYSA-N  
**Formula:** C23H34O3Si  
**SMILES:** CCCCCCO[Si](OCCOC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 386.60

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -11.51  |      | Crippen Method |
| logp          | 4.283   |      | Crippen Method |
| rinpol        | 2453.00 |      | 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=U367728&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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