# Silane, diphenyl(4-biphenyloxy)isobutoxy-

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|---|---|
| **Inchi:** | InChI=1S/C28H28O2Si/c1-23(2)22-29-31(27-14-8-4-9-15-27,28-16-10-5-11-17-28)30-26- |
| **InchiKey:** | ZLNKMVNRQZRVHY-UHFFFAOYSA-N |
| **Formula:** | C28H28O2Si |
| **SMILES:** | CC(C)CO[Si](Oc1ccc(-c2ccccc2)cc1)(c1ccccc1)c1ccccc1 |
| **Mol. weight [g/mol]:** | 424.61 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -14.12 | | Crippen Method |
| logp | 5.662 | | Crippen Method |
| rinpol | 3111.00 | | NIST Webbook |

## Sources

| | |
|---|---|
| **Crippen Method:** | https://www.chemeo.com/doc/models/crippen_log10ws |
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=U367496&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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https://www.chemeo.com/cid/10-419-5/Silane-diphenyl-4-biphenyloxy-isobutoxy.pdf

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