

# Silane, dimethyl(2-pentyloxy)isobutoxy-

**Inchi:** InChI=1S/C11H26O2Si/c1-7-8-11(4)13-14(5,6)12-9-10(2)3/h10-11H,7-9H2,1-6H3  
**InchiKey:** VKVXFXYOHZQPLO-UHFFFAOYSA-N  
**Formula:** C11H26O2Si  
**SMILES:** CCCC(C)O[Si](C)(C)OCC(C)C  
**Mol. weight [g/mol]:** 218.41

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -1.10   |      | Crippen Method |
| logp          | 3.566   |      | Crippen Method |
| rinpol        | 1088.00 |      | NIST Webbook   |
| rinpol        | 1088.00 |      | 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=U346855&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

Latest version available from:

<https://www.chemeo.com/cid/45-461-0/Silane-dimethyl-2-pentyloxy-isobutoxy.pdf>

Generated by Cheméo on 2024-05-03 20:54:26.117312218 +0000 UTC m=+17058915.037889533.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.