

# Silane, methylvinyl(3-methylbutoxy)pentyl-oxo-

**Inchi:** InChI=1S/C13H28O2Si/c1-6-8-9-11-14-16(5,7-2)15-12-10-13(3)4/h7,13H,2,6,8-12H2,1,3  
**InchiKey:** ILQQYOCNMVUWNP-UHFFFAOYSA-N  
**Formula:** C13H28O2Si  
**SMILES:** C=C[Si](C)(OCCCC)OCCC(C)C  
**Mol. weight [g/mol]:** 244.45

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -1.77   |      | Crippen Method |
| logp          | 4.053   |      | Crippen Method |
| rinpol        | 1408.00 |      | NIST Webbook   |
| rinpol        | 1408.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=U416311&Units=SI>

## Legend

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

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