

# Silane, methylvinyl(oct-4-yloxy)(methylvinylnonyloxysilyloxy)

**Inchi:** InChI=1S/C23H48O3Si2/c1-8-13-15-16-17-18-19-22-24-27(6,11-4)26-28(7,12-5)25-23(2)  
**InchiKey:** IMLIVNHKKXWOPN-UHFFFAOYSA-N  
**Formula:** C23H48O3Si2  
**SMILES:** C=C[Si](C)(OCCCCCCCC)O[Si](C)(C=C)OC(CCC)CCCC  
**Mol. weight [g/mol]:** 428.80

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -3.97   |      | Crippen Method |
| logp          | 7.740   |      | Crippen Method |
| rinpol        | 2105.00 |      | NIST Webbook   |
| rinpol        | 2105.00 |      | 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=U416851&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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