

# Silane, methylvinyl(2,4,4-trimethylpentyloxy)(methylvinyl

**Inchi:** InChI=1S/C20H42O3Si2/c1-10-13-14-15-16-21-24(8,11-2)23-25(9,12-3)22-18-19(4)17-20  
**InchiKey:** UNVCSLZYGBWNGN-UHFFFAOYSA-N  
**Formula:** C20H42O3Si2  
**SMILES:** C=C[Si](C)(OCCCCC)O[Si](C)(C=C)OCC(C)CC(C)(C)C  
**Mol. weight [g/mol]:** 386.72

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.12   |      | Crippen Method |
| logp          | 6.283   |      | Crippen Method |
| rinpol        | 1880.00 |      | NIST Webbook   |
| rinpol        | 1880.00 |      | 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=U416591&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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