

# Silane, dimethyldi(but-2-enyloxy)-

**Inchi:** InChI=1S/C10H20O2Si/c1-5-7-9-11-13(3,4)12-10-8-6-2/h5-8H,9-10H2,1-4H3/b7-5+,8-6+  
**InchiKey:** JAIWVCKORATYQM-KQQUZDAGSA-N  
**Formula:** C10H20O2Si  
**SMILES:** CC=CCO[Si](C)(C)OCC=CC  
**Mol. weight [g/mol]:** 200.35

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -0.52   |      | Crippen Method |
| logp          | 2.874   |      | Crippen Method |
| rinpol        | 1141.00 |      | NIST Webbook   |
| rinpol        | 1141.00 |      | 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=U348062&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## Legend

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

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