

# Silane, dimethyl(but-3-enyloxy)nonyloxy-

**Inchi:** InChI=1S/C15H32O2Si/c1-5-7-9-10-11-12-13-15-17-18(3,4)16-14-8-6-2/h6H,2,5,7-15H2,  
**InchiKey:** BPUPYBRCDVZAPS-UHFFFAOYSA-N  
**Formula:** C15H32O2Si  
**SMILES:** C=CCCO[Si](C)(C)OCCCCCCCCC  
**Mol. weight [g/mol]:** 272.50

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.76   |      | Crippen Method |
| logp          | 5.048   |      | Crippen Method |
| rinpol        | 1556.00 |      | NIST Webbook   |
| rinpol        | 1556.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=U348025&Units=SI>

## 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/93-481-5/Silane-dimethyl-but-3-enyloxy-nonyloxy.pdf>

Generated by Cheméo on 2025-12-05 17:38:49.246929155 +0000 UTC m=+4704526.776969813.

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