

# Silane, methylvinyl(octyloxy)nonyloxy-

**Inchi:** InChI=1S/C20H42O2Si/c1-5-8-10-12-14-16-18-20-22-23(4,7-3)21-19-17-15-13-11-9-6-2/  
**InchiKey:** XUTFCJVIBQZKNS-UHFFFAOYSA-N  
**Formula:** C20H42O2Si  
**SMILES:** C=C[Si](C)(OCCCCCCCC)OCCCCCCCC  
**Mol. weight [g/mol]:** 342.63

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -4.94   |      | Crippen Method |
| logp          | 6.928   |      | Crippen Method |
| rinpol        | 2102.00 |      | NIST Webbook   |
| rinpol        | 2102.00 |      | 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=U416269&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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