

# Silane, dimethyl(dodec-9-ynyloxy)isohexyloxy-

**Inchi:** InChI=1S/C20H40O2Si/c1-6-7-8-9-10-11-12-13-14-15-18-21-23(4,5)22-19-16-17-20(2)3/  
**InchiKey:** LMGHULPBHGRIDJ-UHFFFAOYSA-N  
**Formula:** C20H40O2Si  
**SMILES:** CCC#CCCCCCCCO[Si](C)(C)OCCCC(C)C  
**Mol. weight [g/mol]:** 340.62

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -4.55   |      | Crippen Method |
| logp          | 6.302   |      | Crippen Method |
| rinpol        | 2057.00 |      | NIST Webbook   |
| rinpol        | 2057.00 |      | 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=U347872&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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