

# Silane, dimethyl(non-5-yn-3-yloxy)hexyloxy-

**Inchi:** InChI=1S/C17H34O2Si/c1-6-9-11-13-15-17(8-3)19-20(4,5)18-16-14-12-10-7-2/h17H,6-10H,1-5H2  
**InchiKey:** LDYDCYLWUMWGIC-UHFFFAOYSA-N  
**Formula:** C17H34O2Si  
**SMILES:** CCCC#CCC(CC)O[Si](C)(C)OCCCCC  
**Mol. weight [g/mol]:** 298.54

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -3.65   |      | Crippen Method |
| logp          | 5.274   |      | Crippen Method |
| rinpol        | 1691.00 |      | NIST Webbook   |
| rinpol        | 1691.00 |      | 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=U347892&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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