

# 1-Tributylsilyloxypent-2-en-4-yne

**Inchi:** InChI=1S/C17H32OSi/c1-5-9-13-14-18-19(15-10-6-2,16-11-7-3)17-12-8-4/h1,9,13H,6-8,1  
**InchiKey:** SDAYXUNKMKFEBA-UHFFFAOYSA-N  
**Formula:** C17H32OSi  
**SMILES:** C#CC=CCO[Si](CCCC)(CCCC)CCCC  
**Mol. weight [g/mol]:** 280.52

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -3.73   |      | Crippen Method |
| logp          | 5.538   |      | Crippen Method |
| rinpol        | 1708.00 |      | NIST Webbook   |
| rinpol        | 1708.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299541&Units=SI>  
**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)

## Legend

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

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