

# 2-Methyl-4-tributylsilyloxyoct-5-yne

**Inchi:** InChI=1S/C21H42OSi/c1-7-11-15-21(19-20(5)6)22-23(16-12-8-2,17-13-9-3)18-14-10-4/h  
**InchiKey:** KOEUKAOELHMICT-UHFFFAOYSA-N  
**Formula:** C<sub>21</sub>H<sub>42</sub>OSi  
**SMILES:** CCC#CC(CC(C)C)O[Si](CCCC)(CCCC)CCCC  
**Mol. weight [g/mol]:** 338.64

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -5.42   |      | Crippen Method |
| logp          | 7.177   |      | Crippen Method |
| rinpol        | 1826.00 |      | 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=U299544&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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