

# 2-Diphenylmethylsilyloxybut-3-yne

**Inchi:** InChI=1S/C17H18OSi/c1-4-15(2)18-19(3,16-11-7-5-8-12-16)17-13-9-6-10-14-17/h1,5-15  
**InchiKey:** DBUPGHDLWRGUCB-UHFFFAOYSA-N  
**Formula:** C17H18OSi  
**SMILES:** C#CC(C)O[Si](C)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 266.41

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -10.15  |      | Crippen Method |
| logp          | 2.414   |      | Crippen Method |
| rinpol        | 1734.00 |      | 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=U299481&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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