

# Propanoic acid, 2-hydroxy-2-phenyl, DTBS

**Inchi:** InChI=1S/C17H26O3Si/c1-15(2,3)21(16(4,5)6)19-14(18)17(7,20-21)13-11-9-8-10-12-13/  
**InchiKey:** VQZJHCOZDVWGTN-UHFFFAOYSA-N  
**Formula:** C17H26O3Si  
**SMILES:** CC1(c2ccccc2)O[Si](C(C)(C)C)(C(C)(C)C)OC1=O  
**Mol. weight [g/mol]:** 306.47

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.69   |      | Crippen Method |
| logp          | 4.518   |      | Crippen Method |
| rinpol        | 1825.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R41324&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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