

# Benzoic acid, 4-acetyloxy-, tert.-butyldimethylsilyl ester

**Inchi:** InChI=1S/C15H22O4Si/c1-11(16)18-13-9-7-12(8-10-13)14(17)19-20(5,6)15(2,3)4/h7-10H  
**InchiKey:** WWSBBSQODUAHTJ-UHFFFAOYSA-N  
**Formula:** C15H22O4Si  
**SMILES:** CC(=O)Oc1ccc(C(=O)O[Si](C)(C)C(C)(C)C)cc1  
**Mol. weight [g/mol]:** 294.42

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.17   |      | Crippen Method |
| logp          | 3.774   |      | Crippen Method |
| rinpol        | 1872.00 |      | NIST Webbook   |
| rinpol        | 1872.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=U375044&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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