# Benzoic acid, 2-hydroxy-3,6-dimethyl, DTBS

**Inchi:** InChI=1S/C17H26O3Si/c1-11-9-10-12(2)14-13(11)15(18)20-21(19-14,16(3,4)5)17(6,7)8/l
**InchiKey:** UMYUCQMALOGMND-UHFFFAOYSA-N
**Formula:** C17H26O3Si
**SMILES:** Cc1ccc(C)c2c1O[Si](C(C)(C)C)(C(C)(C)C)OC2=O
**Mol. weight [g/mol]:** 306.47

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -3.82 | | Crippen Method |
| logp | 4.895 | | Crippen Method |
| rinpol | 1865.00 | | NIST Webbook |
| rinpol | 1865.00 | | NIST Webbook |

## Sources

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R41178&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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