# Benzoic acid, 2-hydroxy-3-methyl-6-(1-methylethyl), DTBS

**Inchi:** InChI=1S/C19H30O3Si/c1-12(2)14-11-10-13(3)16-15(14)17(20)22-23(21-16,18(4,5)6)19(

**InchiKey:** QUSQQWKCZPMLCZ-UHFFFAOYSA-N

**Formula:** C19H30O3Si

**SMILES:** Cc1ccc(C(C)C)c2c1O[Si](C(C)(C)C)(C(C)(C)C)OC2=O

**Mol. weight [g/mol]:** 334.53

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -4.53 | | Crippen Method |
| logp | 5.710 | | Crippen Method |
| rinpol | 1945.00 | | NIST Webbook |

## Sources

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R41217&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