

# Orcinol monohydrate, bis(tert-butyldimethylsilyl) ether

**Other names:** Orcinol, 2tbdms derivative  
**Inchi:** InChI=1S/C19H36O2Si2/c1-15-12-16(20-22(8,9)18(2,3)4)14-17(13-15)21-23(10,11)19(5,  
**InchiKey:** FTCQILXPSZTMJG-UHFFFAOYSA-N  
**Formula:** C19H36O2Si2  
**SMILES:** Cc1cc(O[Si](C)(C)C(C)(C)C)cc(O[Si](C)(C)C(C)(C)C)c1  
**Mol. weight [g/mol]:** 352.66

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.47   |      | Crippen Method |
| logp          | 6.763   |      | Crippen Method |
| rinpol        | 1862.10 |      | NIST Webbook   |
| rinpol        | 1862.10 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=U352828&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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