

# 3,5-Dimethyl-1-tributylsilyloxybenzene

**Inchi:** InChI=1S/C20H36OSi/c1-6-9-12-22(13-10-7-2,14-11-8-3)21-20-16-18(4)15-19(5)17-20/h  
**InchiKey:** FWMUXIODLVBGPZ-UHFFFAOYSA-N  
**Formula:** C20H36OSi  
**SMILES:** CCCC[Si](CCCC)(CCCC)Oc1cc(C)cc(C)c1  
**Mol. weight [g/mol]:** 320.58

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -5.20   |      | Crippen Method |
| logp          | 7.028   |      | Crippen Method |
| rinpol        | 1934.00 |      | NIST Webbook   |
| rinpol        | 1934.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307833&Units=SI>  
**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)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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