

# 3,5-Dimethyl-1-triisobutylsilyloxybenzene

**Inchi:** InChI=1S/C20H36OSi/c1-15(2)12-22(13-16(3)4,14-17(5)6)21-20-10-18(7)9-19(8)11-20/h  
**InchiKey:** VVNUKOCRGMUMAR-UHFFFAOYSA-N  
**Formula:** C20H36OSi  
**SMILES:** Cc1cc(C)cc(O[Si](CC(C)C)(CC(C)C)CC(C)C)c1  
**Mol. weight [g/mol]:** 320.58

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.47		Crippen Method
logp	6.596		Crippen Method
rinpol	1808.00		NIST Webbook
rinpol	1808.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307956&Units=SI>  
**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)

## Legend

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

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