

# 1-Diphenyl(tert-butyl)silyloxy-3-methylbenzene

**Inchi:** InChI=1S/C23H26OSi/c1-19-12-11-13-20(18-19)24-25(23(2,3)4,21-14-7-5-8-15-21)22-16  
**InchiKey:** FTZYVUYMVATWKN-UHFFFAOYSA-N  
**Formula:** C23H26OSi  
**SMILES:** Cc1cccc(O[Si](c2ccccc2)(c2ccccc2)C(C)(C)C)c1  
**Mol. weight [g/mol]:** 346.54

## Physical Properties

Property code	Value	Unit	Source
log10ws	-12.56		Crippen Method
logp	4.934		Crippen Method
rinpol	2289.00		NIST Webbook
rinpol	2289.00		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307863&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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