

# 2-(tert-Butyldimethylsilyl)oxy-1-phenylethanol

**Inchi:** InChI=1S/C14H24O2Si/c1-14(2,3)17(4,5)16-11-13(15)12-9-7-6-8-10-12/h6-10,13,15H,11  
**InchiKey:** STARBRZBUYMOLU-UHFFFAOYSA-N  
**Formula:** C14H24O2Si  
**SMILES:** CC(C)(C)[Si](C)(C)OCC(O)c1ccccc1  
**Mol. weight [g/mol]:** 252.42

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.65		Crippen Method
logp	3.742		Crippen Method
rinpol	1647.00		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=U373366&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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