

# 1,4-Benzenedimethanethiol, S-(tert-butyl dimethylsilyl)-

**Other names:** 1,4-Benzenedimethanethiol, tbdms derivative  
**Inchi:** InChI=1S/C14H24S2Si/c1-14(2,3)17(4,5)16-11-13-8-6-12(10-15)7-9-13/h6-9,15H,10-11H  
**InchiKey:** PGVVHQLQDVVMTB-UHFFFAOYSA-N  
**Formula:** C14H24S2Si  
**SMILES:** CC(C)(C)[Si](C)(C)SCc1ccc(CS)cc1  
**Mol. weight [g/mol]:** 284.56

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.75		Crippen Method
logp	5.355		Crippen Method
rinsol	2123.10		NIST Webbook
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## Sources

**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=U353041&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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