

# 1, 1'-Thiobis(2-methyl-4-tert-butyl dimethylsilyloxy-5-

**Inchi:** InChI=1S/C34H58O2SSi2/c1-23-19-27(35-38(15,16)33(9,10)11)25(31(3,4)5)21-29(23)37  
**InchiKey:** ALAGZFSSGNIDNX-UHFFFAOYSA-N  
**Formula:** C34H58O2SSi2  
**SMILES:** Cc1cc(O[Si](C)(C)C(C)(C)C)c(C(C)(C)C)cc1Sc1cc(C(C)(C)C)c(O[Si](C)(C)C(C)(C)C)cc1  
**Mol. weight [g/mol]:** 587.06

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.99		Crippen Method
logp	11.818		Crippen Method
rinpol	3193.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U373388&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

Latest version available from:

<https://www.chemeo.com/cid/26-731-1/1-1-Thiobis-2-methyl-4-tert-butyl dimethylsilyloxy-5-tert-butylbenzene.pdf>

Generated by Cheméo on 2024-05-02 12:10:36.490139198 +0000 UTC m=+16941085.410716525.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.