

# (3R,4S)-4-tert-butyl dimethylsilyloxy-1-tert-butoxy

**Inchi:** InChI=1S/C17H35NO4Si/c1-16(2,3)21-15(20)18-11-9-10-14(13(19)12-18)22-23(7,8)17(4)  
**InchiKey:** AMWJFMPOMZOFIT-KGLIPLIRSA-N  
**Formula:** C17H35NO4Si  
**SMILES:** CC(C)(C)OC(=O)N1CCCC(O[Si](C)(C)C(C)(C)C(C)C(O)C1  
**Mol. weight [g/mol]:** 345.55

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.98		Crippen Method
logp	3.769		Crippen Method
rinpol	2001.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R500264&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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