

# (3S,4R)-4-Azido-3-tert-butyltrimethylsilyloxy-1-tert-butylethylamine

**Inchi:** InChI=1S/C17H34N4O3Si/c1-16(2,3)23-15(22)21-11-9-10-13(19-20-18)14(12-21)24-25(26-27)28  
**InchiKey:** ZHCZXPRFEHIDTA-KGLIPLIRSA-N  
**Formula:** C17H34N4O3Si  
**SMILES:** CC(C)(C)OC(=O)N1CCCC(N=[N+]=[N-])C(O[Si](C)(C)C(C)(C)C)C1  
**Mol. weight [g/mol]:** 370.56

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.81		Crippen Method
logp	5.087		Crippen Method
rinpol	2084.00		NIST Webbook
rinpol	2084.00		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=R500279&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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