

# Acetohexamide, N-tert.-butyldimethylsilyl-

**Inchi:** InChI=1S/C21H34N2O4SSi/c1-16(24)17-12-14-19(15-13-17)28(26,27)23(29(5,6)21(2,3)-  
**InchiKey:** FLWZNNXPDWVHBN-UHFFFAOYSA-N  
**Formula:** C21H34N2O4SSi  
**SMILES:** CC(=O)c1ccc(S(=O)(=O)N(C(=O)NC2CCCCC2)[Si](C)(C)C(C)(C)C)cc1  
**Mol. weight [g/mol]:** 438.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.41		Crippen Method
logp	4.927		Crippen Method
rinpol	3058.00		NIST Webbook
rinpol	3058.00		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=U374402&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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