

# 2-(tert-Butyl-dimethyl-silanyloxy)-3-butyl-quinoxaline

**Inchi:** InChI=1S/C18H28N2OSi/c1-7-8-11-16-17(21-22(5,6)18(2,3)4)20-15-13-10-9-12-14(15)19  
**InchiKey:** ZBIICHZRHVZOBH-UHFFFAOYSA-N  
**Formula:** C18H28N2OSi  
**SMILES:** CCCCc1nc2ccccc2nc1O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 316.51

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.71		Crippen Method
logp	5.356		Crippen Method
rinpol	1991.00		NIST Webbook
rinpol	1991.00		NIST Webbook

## 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=R158140&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## Legend

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

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