

# 1,3-Dihydrobenzimidazol-2-one, N,N'-bis(tert-butyldimethylsilyl)-

**Other names:** 1,3-Dihydrobenzimidazol-2-one 2tBDMS  
**Inchi:** InChI=1S/C19H34N2OSi2/c1-18(2,3)23(7,8)20-15-13-11-12-14-16(15)21(17(20)22)24(9,  
**InchiKey:** IXTVPXDLZPNNTA-UHFFFAOYSA-N  
**Formula:** C19H34N2OSi2  
**SMILES:** CC(C)(C)[Si](C)(C)n1c(=O)n([Si](C)(C)C(C)(C)C)c2ccccc21  
**Mol. weight [g/mol]:** 362.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.89		Crippen Method
logp	5.510		Crippen Method
rinsol	2163.00		NIST Webbook
rinsol	2163.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=U373102&Units=SI>

## Legend

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

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