

# N,N-Bis(tert-butyldimethylsilyl)benzamide

**Inchi:** InChI=1S/C19H35NO2Si2/c1-18(2,3)23(7,8)20(22-24(9,10)19(4,5)6)17(21)16-14-12-11-10  
**InchiKey:** PAEXVXQEANENTN-UHFFFAOYSA-N  
**Formula:** C19H35NO2Si2  
**SMILES:** CC(C)(C)[Si](C)(C)ON(C(=O)c1ccccc1)[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 365.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.98		Crippen Method
logp	6.071		Crippen Method
rinpol	1916.00		NIST Webbook
rinpol	1916.00		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=U373329&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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