

# 1,3-Phenylenediamine, N,N'-di(tert.-butyldimethylsilyl)-

**Inchi:** InChI=1S/C18H36N2Si2/c1-17(2,3)21(7,8)19-15-12-11-13-16(14-15)20-22(9,10)18(4,5)6  
**InchiKey:** IRQBRFPBFVZZJI-UHFFFAOYSA-N  
**Formula:** C18H36N2Si2  
**SMILES:** CC(C)(C)[Si](C)(C)Nc1cccc(N[Si](C)(C)C(C)(C)C)c1  
**Mol. weight [g/mol]:** 336.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.78		Crippen Method
logp	6.521		Crippen Method
rmpol	2113.00		NIST Webbook
rmpol	2113.00		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=U374684&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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