

# 1,2-Phenylenediamine, N,N'-di(tert.-butyldimethylsilyl)-

**Inchi:** InChI=1S/C18H36N2Si2/c1-17(2,3)21(7,8)19-15-13-11-12-14-16(15)20-22(9,10)18(4,5)6  
**InchiKey:** PXFPZSFGBIRURM-UHFFFAOYSA-N  
**Formula:** C18H36N2Si2  
**SMILES:** CC(C)(C)[Si](C)(C)Nc1ccccc1N[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 336.66  
**CAS:** 171742-62-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.78		Crippen Method
logp	6.521		Crippen Method
rinpol	1992.00		NIST Webbook
rinpol	1982.00		NIST Webbook
rinpol	1992.00		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=C171742624&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  
**rinpol:** Non-polar retention indices

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