

# 6-Amino-1-hexanol, N,O-bis(tert-butyl dimethylsilyl)-

**Other names:** 1-tert-Butyl-N-(6-pyrrol[tert-butyl(dimethyl)silyl]oxymorphohexyl)-1,1-dimethylsilanamine  
1-Hexanol, 6-amino, O,N-bis-DMTBS  
1-Hexanol, 6-amino, TBDMS  
6-Amino-1-hexanol, 2tdms derivative

**Inchi:** InChI=1S/C18H43NOSi2/c1-17(2,3)21(7,8)19-15-13-11-12-14-16-20-22(9,10)18(4,5)6/h

**InchiKey:** IAJKZDMKTIHZGJ-UHFFFAOYSA-N

**Formula:** C18H43NOSi2

**SMILES:** CC(C)(C)[Si](C)(C)NCCCCCO[Si](C)(C)C(C)(C)C

**Mol. weight [g/mol]:** 345.71

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.74		Crippen Method
logp	6.163		Crippen Method
rinpol	1863.60		NIST Webbook
rinpol	1859.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

**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=U333067&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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