

# 2-Aminothiophenol, N,S-bis(tert-butyldimethylsilyl)-

**Other names:** 2-Aminothiophenol, 2tdms derivative  
**Inchi:** InChI=1S/C18H35NSSi2/c1-17(2,3)21(7,8)19-15-13-11-12-14-16(15)20-22(9,10)18(4,5)6  
**InchiKey:** FDKNLZPMASBIRL-UHFFFAOYSA-N  
**Formula:** C18H35NSSi2  
**SMILES:** CC(C)(C)[Si](C)(C)Nc1cccc1S[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 353.71

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.51		Crippen Method
logp	7.201		Crippen Method
rinpol	2066.10		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=U353083&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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