

# 1-Hexene, 2,4,6-[phenyl-bis-trimethylsilyl] (isomer # 1)

**Inchi:** InChI=1S/C18H32Si2/c1-16(17-11-9-8-10-12-17)15-18(20(5,6)7)13-14-19(2,3)4/h8-12,18  
**InchiKey:** DEPSXXKZSZHDNW-UHFFFAOYSA-N  
**Formula:** C18H32Si2  
**SMILES:** C=C(CC(CC[Si](C)(C)C)[Si](C)(C)C)c1ccccc1  
**Mol. weight [g/mol]:** 304.62

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.42		Crippen Method
logp	6.527		Crippen Method
rinpol	1732.00		NIST Webbook
rinpol	1755.00		NIST Webbook
rinpol	1732.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R97424&Units=SI>  
**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)

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/88-903-2/1-Hexene-2-4-6-phenyl-bis-trimethylsilyl-isomer-1.pdf>

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