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/ci990307l

Crippen Method: 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