

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

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	1774.00		NIST Webbook
rinpol	1801.00		NIST Webbook
rinpol	1774.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R97438&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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