1-Butene, 2(4)-phenyl-4(2)-trimethylsilyl

Inchi: InChI=1S/C13H20Si/c1-12(14(2,3)4)10-11-13-8-6-5-7-9-13/h5-9H,1,10-11H2,2-4H3
InchiKey: HJHZHTGXYHXSGV-UHFFFAOYSA-N
Formula: C13H20Si
SMILES: C=C(CCc1ccccc1)[Si](C)(C)C
Mol. weight [g/mol]: 204.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.78		Crippen Method
logp	4.053		Crippen Method
rinpol	1360.00		NIST Webbook
rinpol	1340.00		NIST Webbook
rinpol	1360.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R97399&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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