1-Diphenylmethylsilyloxy-3-methylbut-2-ene

Inchi: InChI=1S/C18H22OSi/c1-16(2)14-15-19-20(3,17-10-6-4-7-11-17)18-12-8-5-9-13-18/h4-1
InchiKey: RTFFGYKYCYWNRY-UHFFFAOYSA-N
Formula: C18H22OSi
SMILES: CC(C)=CCO[Si](C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 282.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.51		Crippen Method
logp	3.359		Crippen Method
rinpol	1907.00		NIST Webbook
rinpol	1907.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299482&Units=SI

Legend

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