1-Diphenylethenylsilyloxy-3-methylbut-2-ene

Inchi: InChI=1S/C19H22OSi/c1-4-21(20-16-15-17(2)3,18-11-7-5-8-12-18)19-13-9-6-10-14-19/h
InchiKey: XXUUNZALWSFOMM-UHFFFAOYSA-N
Formula: C19H22OSi
SMILES: C=C[Si](OCC=C(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 294.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.87		Crippen Method
logp	3.454		Crippen Method
rinpol	1978.00		NIST Webbook
rinpol	1978.00		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=U299560&Units=SI

Legend

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