Silane, diphenylisobutoxy(pent-4-en-2-yloxy)-

Inchi: InChI=1S/C21H28O2Si/c1-5-12-19(4)23-24(22-17-18(2)3,20-13-8-6-9-14-20)21-15-10-7-
InchiKey: JTTAXXBZVYAGMV-UHFFFAOYSA-N
Formula: C21H28O2Si
SMILES: C=CCC(C)O[Si](OCC(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 340.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.31		Crippen Method
logp	3.897		Crippen Method
rinpol	2002.00		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=U367823&Units=SI

Legend

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