Silane, diphenylbutoxy(3-methylbut-3-en-1-yloxy)-

Inchi: InChI=1S/C21H28O2Si/c1-4-5-17-22-24(23-18-16-19(2)3,20-12-8-6-9-13-20)21-14-10-7-

InchiKey: ROMIOISWFJXUMU-UHFFFAOYSA-N

Formula: C21H28O2Si

SMILES: C=C(C)CCO[Si](OCCCC)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 340.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.44		Crippen Method
logp	4.042		Crippen Method
rinpol	2114.00		NIST Webbook
rinpol	2114.00		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=U367807&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices