Silane, diphenyl(3,3-dimethylbut-2-yloxy)isobutoxy-

Inchi: InChI=1S/C22H32O2Si/c1-18(2)17-23-25(20-13-9-7-10-14-20,21-15-11-8-12-16-21)24-19

InchiKey: PTDADPBKHFCBMF-UHFFFAOYSA-N

Formula: C22H32O2Si

SMILES: CC(C)CO[Si](OC(C)C(C)(C)C)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.63		Crippen Method
logp	4.367		Crippen Method
rinpol	2040.00		NIST Webbook
rinpol	2040.00		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=U367673&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices