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

Inchi: InChI=1S/C23H34O2Si/c1-6-7-14-19-24-26(21-15-10-8-11-16-21,22-17-12-9-13-18-22)25

InchiKey: ZFZPDLHRBPBQOL-UHFFFAOYSA-N

Formula: C23H34O2Si

SMILES: CCCCCO[Si](OC(C)C(C)(C)C)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 370.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.29		Crippen Method
logp	4.901		Crippen Method
rinpol	2177.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367675&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices