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

Inchi: InChI=1S/C22H32O2Si/c1-5-6-13-18-23-25(24-20(4)19(2)3,21-14-9-7-10-15-21)22-16-11

InchiKey: YAVUVLAJVZXTLK-UHFFFAOYSA-N

Formula: C22H32O2Si

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

Mol. weight [g/mol]: 356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.87		Crippen Method
logp	4.511		Crippen Method
rinpol	2126.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367641&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